

BUSINESS FACULTY COUNCIL

Regular Meeting

Monday, March 24th, 2025

1:00 p.m. – 3:00 p.m.

Online via Microsoft Teams

AGENDA

1. Call to Order Landon Kleis 1:00
2. Approval of Agenda
3. * Approval of Minutes, February 21st, 2025
4. New Business

- 4.1. ECON byelection.....Landon Kleis 1:05

MOTION: To hold a byelection for the ECON department representative, effective May 1st, 2025.

- 4.2. New BUSI Programs and Courses.....Jeannette Paschen 1:10

- 4.2.1. * [Citation in Management Fundamentals](#)

- 4.2.2. * [Certificate in Healthcare Management](#)

- 4.2.3. * [Certificate in Operations Management Studies](#)

- 4.2.4. * [Certificate in Retail and Sales Management](#)

- 4.2.5. * [Certificate in Sustainable Management](#)

- 4.2.6. Newly Cross-listed Courses

- * ACCT 3160: [Financial and Managerial Accounting for Managers](#)
- * BUSI 3130: [Information Systems for Operations and Supply](#)
- * BUSI 3140: [Supply Chain & Logistics Management](#)
- * BUSI 3150: [Project Management](#)
- * BUSI 3200: [Sustainability and Business Administration](#)
- * BUSI 3210: [Green Marketing Management](#)
- * BUSI 3240: [Sustainable Operations](#)

- 4.2.7. * [Certificate in Business Law](#)

- 4.2.7.1. New Courses:

- * BUSI 3391: [Contract Law](#)
- * BUSI 3392: [Corporate Law](#)

MOTION: Omnibus Motion to approve the Citation in Management Fundamentals, Certificate in Healthcare Management, Certificate in Operations Management Studies, Certificate in Retail and

Sales Management, Certificate in Sustainable Management, Certificate in Business Law and the associated new courses “BUSI 3391 Contract Law” and “BUSI 3392 Corporate Law”, and new cross-listed courses related to the BUSI Curriculum Development: ACCT 3160: Financial and Managerial Accounting for Managers, BUSI 3130: Information Systems for Operations and Supply, BUSI 3140: Supply Chain & Logistics Management, BUSI 3150: Project Management, BUSI 3200: Sustainability and Business Administration, BUSI 3210: Green Marketing Management, and BUSI 3240: Sustainable Operations as presented.

4.3 New Program: [Minor in ENTR Leadership](#).....**Brad Anderson** 1:40
Motion: Motion to approve the new program “Minor in Entrepreneurial Leadership” as presented.

4.4 New Course: GLBL 1150: [Introduction to the Climate Crisis](#)**Christina Shorthouse** 1:50
MOTION: Motion to approve the new course “GLBL 1150: Introduction to the Climate Crisis” as presented.

4.5 Program Review: INFO & CPSC**Benjamin Kwan** 2:00

4.5.1 Revisions:

- CPSC 1100: [Introduction to Computer Literacy](#)
- CPSC 1103: [Principles of Program Structure and Design I](#)
- CPSC 1204: [Principles of Program Structure and Design II](#)
- CPSC 2302: [Data Structures and Algorithms](#)
- INFO 1111: [Introduction to Computer Hardware and Software](#)
- INFO 2315: [Data Structure](#)
- INFO 2416: [Server Operating Systems](#)
- INFO 3180: [Wireless Networks](#)
- INFO 3240: [Enterprise Resource Planning Systems](#)
- INFO 3245: [Mobile Programming](#)
- INFO 3250: [Content Management and Information Architecture](#)
- INFO 4105: [Search Engine Principles](#)
- INFO 4110: [Cloud Computing](#)
- INFO 4115: [Human Factors and Website Design](#)
- INFO 4125: [Website and Cloud Security](#)
- INFO 4370: [Security of Wireless Systems](#)

MOTION: Omnibus motion to approve the courses revised as part of the INFO and CPSC Program Review: CPSC 1100: Introduction to Computer Literacy, CPSC 1103: Principles of Program Structure and Design I, CPSC 1204: Principles of Program Structure and Design II, CPSC 2302: Data Structures and Algorithms, INFO 1111: Introduction to Computer Hardware and Software, INFO 2315: Data Structure, INFO 2416: Server Operating Systems, INFO 3180: Wireless Networks; INFO 3240: Enterprise Resource Planning Systems, INFO 3245: Mobile Programming; INFO 3250: Content Management and Information Architecture; INFO 4105: Search Engine Principles; INFO 4110: Cloud

Computing, INFO 4115: Human Factors and Website Design, INFO 4125: Website and Cloud Security, and INFO 4370: Security of Wireless Systems.

4.5.2 Discontinuations:

- *INFO 2412: [Management of Information Systems](#)
- *INFO 3120: [Web Programming with Java](#)
- *INFO 3160: [Network Operating Systems](#)
- *INFO 3210: [Distributed Systems](#)
- *INFO 3230: [Advanced Object-Oriented Application Development](#)
- *INFO 3241: [Identity Management](#)
- *INFO 3246: [Mobile Programming II](#)
- *INFO 3290: [Virtualization](#)
- *INFO 4210: [Human Factors and Computer Interface](#)
- *INFO 4225: [Animations](#)
- *INFO 4320: [Software Quality Assurance](#)
- *INFO 4350: [Wireless Technologies and Programming](#)

MOTION: Omnibus motion to approve the discontinuations of the INFO courses as presented: INFO 2412: Management of Information Systems, INFO 3120: Web Programming with Java, INFO 3160: Network Operating Systems, INFO 3210: Distributed Systems, INFO 3230: Advanced Object-Oriented Application Development, INFO 3241: Identity Management, INFO 3246: Mobile Programming II, INFO 3290: Virtualization, INFO 4210: Human Factors and Computer Interface, INFO 4225: Animations, INFO 4320: Software Quality Assurance, INFO 4350: Wireless Technologies and Programming.

4.6 Program Revisions: ACCT Valerie Warren 2:10

- *ACCT 1110: [Introductory Financial Accounting I](#)
- *ACCT 1210: [Introductory Financial Accounting II](#)
- *ACCT 2293: [Accelerated Introductory Financial Accounting](#)
- *ACCT 3320: [Cost and Management Accounting I](#)
- *ACCT 4320: [Cost and Management Accounting II](#)
- *ACCT 4720: [Advanced Managerial Accounting](#)
- *ACCT 3444: [Auditing](#)
- *ACCT 4120: [Financial Statement Presentation and Analysis](#)
- *ACCT 4445: [Auditing 2](#)
- *ACCT4500 (New Course): [Data Analytics and Artificial Intelligence for Accountants](#)
- *ACCT 4900 (New Course): [Special Topics in Accounting](#)
- *ACCT 3111 (Discontinue): [Introduction to Fraud Examination](#)

MOTION: Omnibus motion to approve the revisions to the ACCT Program as presented: ACCT 1110: Introductory Financial Accounting I, ACCT 1210: Introductory Financial Accounting II, ACCT 2293: Accelerated Introductory Financial Accounting, ACCT 3320: Cost and Management Accounting I,

ACCT 3444: Auditing, ACCT 4120: Financial Statement Presentation and Analysis, ACCT 4320: Cost and Management Accounting II, ACCT 4445: Auditing 2, ACCT4500 (New Course): Data Analytics and Artificial Intelligence for Accountants, ACCT 4720: Advanced Managerial Accounting, ACCT 4900 (New Course): Special Topics in Accounting, ACCT 3111 (Discontinue): Introduction to Fraud Examination.

4.7 Course revisions

4.7.1 *COOP 1101: [Introduction to Professional and Career Readiness](#) - Pre-requisite removal Shari Ann Herrmann 2:20

MOTION: Motion to approve the revision to the course “COOP 1101: Introduction to Professional and Career Readiness” as presented.

4.7.2. *HRMT 2115: [Human Relations in Organizations](#) - Pre-requisite removal Marla McMullen 2:25

MOTION: Motion to approve the revision to the course “HRMT 2115: Human Relations in Organizations” as presented.

5. Faculty Committee Reports

5.1 Curriculum Ulrich Paschen 2:30

5.2 Nominations Richard Wong 2:35

6. Senate and Senate Committee Reports

6.1 *Senator’s Report Judy Benevides/Hannah Celinski 2:40

7. Chair’s Report Landon Kleis 2:45

8. Dean’s Report Heather Harrison 2:50

9. Adjournment

BEF SLOs	BEF SLO Title	BEF SLO Definition	Level 1 - Foundation ("F")	Level 2 - Practiced ("P")	Level 3 - Mastered ("M")
SLO #1 Original	Business Competency	Graduates will be able to assess business or organizational situations and information to make appropriate decisions and plan out sensible actions to put their company, organization or team in a more optimal position.	Graduates will demonstrate knowledge of how value is created, sustained and developed by an organization through the integrated business functions.	Graduates will apply knowledge pertaining to the core functional areas of business as a means to formulate and implement decisions intended to achieve organizational goals.	Graduates will take strategic, integrative, and innovative business approaches to create value in an increasingly global environment.
Revision	Business Decision Making Competency	Graduates will be able to assess business or organizational situations and information to make appropriate decisions and plan out strategic sensible actions to put their company, organization or team in a more optimal position.	Graduates will demonstrate decision-making knowledge based on how value is created, sustained and developed by an organization through the integrated business functions.	Graduates will apply knowledge pertaining to the core functional areas of business as a means to formulate and implement decisions intended to achieve organizational goals.	Graduates will implement strategic, integrative, and innovative business decisions to create value in a dynamic environment.
SLO #2	Financial Literacy	Graduates will maintain and apply a broad understanding of financial management principles to ensure decisions are fiscally sound and responsible.	Graduates will demonstrate knowledge of financial and economic theories, reporting and markets to explain the financial position of an organization.	Graduates will apply and evaluate fundamental principles of economics, finance and financial accounting to make informed business decisions and personal finance decisions.	Graduates will assess organizational situations, develop and evaluate alternatives using cost-benefit thinking to set priorities and evaluate performance against set plans and goals.
Revision	Financial Literacy	Graduates will maintain and apply a broad understanding of financial management principles to ensure decisions are fiscally sound and responsible.	Graduates will demonstrate knowledge of financial and economic theories, reporting and markets to explain the financial position of an organization.	Graduates will apply and evaluate fundamental principles of economics, finance and financial accounting to understand make informed business decisions and make informed personal finance decisions as it applies to their selected discipline and personal finance decisions.	Graduates will assess organizational situations, develop and evaluate alternatives using cost-benefit thinking to contribute to setting organizational priorities and evaluate performance against set plans and goals from an organizational and selected discipline perspective.

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SLO #3 Original	Communication Competency	Graduates will communicate effectively through listening, understanding, speaking, and writing with clarity to communicate complex matters to a variety of stakeholders.	Graduates will write and present in an organized, purposeful and clear manner using appropriate business vocabulary and grammatically correct usage.	Graduates will develop concise and engaging communications by integrating data and visuals to enhance persuasive professionally written and oral presentations in business and workplace contexts.	Graduates will be able to conceive and defend insights from their analytical, critical and reflective thinking and research to communicate complex and specific (written or verbal) messages appropriate for the audience in business and workplace contexts using the appropriate medium.
Revision	Strategic Communication Competency	Graduates will communicate effectively <u>through written, verbal, and visual communications</u> with clarity and purpose in order to share complex matters with a variety of stakeholders.	Graduates will share <u>write, present, and visualize information</u> in an organized, purposeful and clear manner using appropriate business <u>professional</u> vocabulary and grammatically correct usage.	Graduates will develop concise, engaging and persuasive communications for workplace contexts by integrating data and visuals <u>into written, verbal and visual narratives</u> .	Graduates will be able to conceive and defend insights from their analytical, critical and reflective thinking and research to communicate complex and specific messages appropriate for the audience in business and workplace contexts using the appropriate medium.
SLO #4 Original	Thinking and Decision Making Competency	Graduates will leverage analytical and problem-solving skills, their capacity for innovative and integrative thought, as well as both divergent and convergent thinking to identify and manage strategic actions	Graduates will demonstrate knowledge of how to use and interpret quantitative and qualitative management science techniques as they apply to business problems.	Graduates will apply appropriate quantitative and qualitative management science models to effectively analyze and draw conclusions on business situations in order to make recommendations.	Graduates will be able to conceptualize complex situations (data, problems, opportunities) in order to formulate and appraise innovative solutions.

Revision	Critical Thinking and Analysis	Graduates will leverage analytical and problemsolving skills, their capacity for innovative and integrative thought, as well as other ways of knowing to identify and manage strategic and ethical actions.	Graduates will demonstrate knowledge of how to use and interpret quantitative and qualitative data as they apply to business problems.	Graduates will apply appropriate quantitative and qualitative management models and ethical frameworks to effectively analyze and draw conclusions.	Graduates will be able to conceptualize complex situations (data, problems, opportunities) in order to formulate and implement solutions.
SLO #5 Original	Professionalism and Workplace Effectiveness	Graduates will leverage an understanding of personal accountability to manage self, support inter-personal relationships while exemplifying ethical behaviour and workplace conduct at the individual, team and organizational level.	Graduates will demonstrate knowledge of key intrapersonal behaviours to understand how to effectively execute team-based activities within professional ethical norms. Students will demonstrate empathy, strong citizen behaviour and organizational awareness.	Graduates will apply knowledge of interpersonal behaviours and competencies to develop self-management strategies to facilitate strong individual, team and organizational outcomes in a professional and ethical manner.	Graduates demonstrate the ability to self-reflect, and develop effective strategies to manage others' selfawareness at the individual, team and organizational level to support improved performance within the context of multi-dimensional ethical criteria.
Revision	Professionalism and Personal Effectiveness	Graduates will leverage emotional intelligence to manage self and support relationships at the individual, team, and organizational level.	Graduates will demonstrate knowledge of emotional intelligence to understand how to manage self and effectively execute teambased activities. Students will demonstrate strong community citizenship behaviour , and organizational awareness.	Graduates will apply knowledge of emotional intelligence to develop selfmanagement strategies and facilitate strong individual, team and organizational outcomes.	Graduates demonstrate the ability to self-reflect, and develop effective strategies to support the development of inclusive environments that deliver improved organizational performance.

: CITATION IN MANAGEMENT FUNDAMENTALS

In Workflow

1. SB Dean (Heather.Harrison@kpu.ca)
2. Provost (meredith.laird@kpu.ca)
3. Ulrich Paschen (ulrich.paschen@kpu.ca)
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Approval Path

1. Mon, 03 Mar 2025 15:48:07 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean

New Program Proposal

Date Submitted: Mon, 03 Mar 2025 07:33:23 GMT

Viewing: : Citation in Management Fundamentals



Last edit: Mon, 10 Mar 2025 16:24:45 GMT

Changes proposed by: Ulrich Paschen

Reviewer comments

Susan Francis (Susan.Francis) (Mon, 10 Mar 2025 03:41:15 GMT): HRMT department found a significant gap of human resources curriculum in these management programs. Suggest BUSI 1250 Introduction to Human Resources (strategic business approach to human resources management; management practices relating to equity, diversity and employee rights; HRM planning, recruiting, selection, employee relations, labour relations, performance management, compensation, training and development, health and safety)

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:33:04 GMT): Proponents reviewed HRMT's concerns and found the CLO's properly mapped with the existing course choices, and HRMT topics only covered in BUSI 1110 **Ulrich Paschen (ulrich.paschen)**

(Tue, 11 Mar 2025 07:33:26 GMT): Passed at SB CurrCom 10 Mar 2025 **Overview**

Program proposal contact(s)

Ulrich Paschen

Calendar year edition

2025-2026 **Requirements**

Admission Requirements Curricular Requirements

The Faculty's Admission Requirements, which consist of KPU's undergraduate English Proficiency Requirement (<https://calendar.kpu.ca/admissions/english-proficiency-requirements/>), apply to this program.

Code	Title	Credits
BUSI 1110	Fundamentals of Business in Canada	3
BUSI 1210 or BUSI 1215	Essentials of Management Organizational Behaviour	3
CMNS 1140 or ENGL 1100	Introduction to Professional Communication Revised Course Introduction to University Writing Revised Course	3
BUSI 2390	Business Law	3
ACCT 3160	<u>Financial and Managerial Accounting for Managers New Course</u>	3

Total Credits

15

Credential Awarded

Upon successful completion of this program, students are eligible to receive a **Citation in Management Fundamentals**.

Program Learning Outcomes

A student who successfully completes the program will have reliably demonstrated the ability to:

- 1 Students will learn to evaluate and apply foundational business, legal, management, and leadership concepts and tools.
- 2 Students will learn and apply the fundamentals of management methodologies to their organizational environment.

The following information will help determine whether there is a budgetary impact to the proposed program changes, and what additional information and consultation will be required. Please note that all additional budgetary requests in support of the proposed program change require approval from the Dean and the Provost, and additional financial documents may be required.

The information supplied is for administrative purposes only and will not be visible to reviewers in the academic governance process (e.g., Faculty and Senate committee members).

Change in space requirements? No

Change in equipment requirements? No

Change in support requirements?

No

**Consultation requests**

Academic Advising
Chair of other Department
Office of the Registrar

Other departments**Departments**

Accounting
Applied Communications

Abstract**Degree or non-degree program**

Non-Degree

Academic level

Undergraduate

Faculty

Business

Department Business

Program name

Citation in Management Fundamentals

Program description

After successfully completing the Citation in Management Fundamentals, graduates will be equipped with the essential skills, knowledge, and abilities to effectively address the evolving managerial needs of their organizations.

Program concentration(s)

The Citation in Management Fundamentals conveys concise knowledge and skills in the field of general business management, organizational behaviour, business law, and accounting.

Implementation date

September 2025

Proposed Program Overview**Program Structure & Delivery****Proposed credential(s) to be granted****Credential Level**

Citation

Date for next review

September 2030

Alignment with KPU mission and mandate, strategic plan and academic plan

The Business Management Department is looking to diversify its offerings by creating a Certificate in Operations Management Studies. This credential will use existing KPU courses to achieve the following objectives:

1. Provide students an opportunity to acquire a focused Management credential.
2. This new Citation in Management Fundamentals will align with KPU's Vision 2026 as it will help KPU meet goal A1 of enhancing the experience of students and B2 of planning operations that are aligned with resources. This Citation in Management Fundamentals supports strategies 1.2, 1.3, 1.5 and 2.6 of KPU's 2023 academic plan as it provides a transition path and more flexibility to students.



It will also allow students to acquire a credential in a one-year time span and could serve as an exit credential.

Will this program include a co-operative education option? No

Discipline and Program Description

Description of discipline

General business management as an academic discipline focuses on the study of planning, organizing, leading, and controlling business activities. It prepares students for leadership roles in various business environments.

Expected time to complete One or two semesters.

Total number of credits
15

Type of intake Open Intake

Cohort delivery?
No

Alternative entry options

Credit through existing course-level BC Transfer Guide equivalencies, PLAR by course **Course**

Delivery Options

Part-time studies possible?(i.e., students can choose to study part-time) Yes

Evening delivery Yes

Weekend delivery
Yes

In person
Yes

Online or blended
Yes

Online or blended delivery options
All courses taught both online and on campus

Explain

Most courses are broadly offered with a wide variety of delivery options offering flexibility for students. **Program**

Delivery Options

Co-op education program/practicum/clinical practice, etc. available No

Will graduates require certification?
No

Will the program have to meet external accreditation requirements? No

Information for Competitive Assessment

Related programs at other PSIs

EducationPlannerBC yielded no equivalent results



Unique aspects/program strengths

Very focused knowledge based on delivery of broadly offered existing courses. This would offer students flexibility to enhance their career options in a very focused way.

New or existing courses only?

Existing

Information for Student Demand Assessment

New applicants to KPU Mid-career upgrading

Current KPU students

Current KPU students from other faculties could add business management acumen to their degrees

Domestic/international students

This program will be open to both domestic and International students. Due to the concise nature, it is expected to have more appeal to domestic students.

Information for Labour Market Assessment

Main skills graduates will have upon completion of program

Main Skills

Upon successful completion of the Certificate in Operations Management Studies, students will be able to: 1)

- Think critically and utilize problem solving techniques
- 2) Manage organizations in a Canadian context
- 3) Work collaboratively with stakeholders
- 4) Understand financial statements
- 5) Understand Canadian legislative requirements
- 6) Understand and apply fundamentals of general business management

Sectors/types of employers that would most likely hire new graduates

- 1) Service and/or Goods environments
- 2) Private and/or Public organizations

Occupations and job titles for which new graduates would be qualified

Job Title	National Occupational Classification (NOC) Code
Supervisors, general office and administrative support workers	12010
Retail sales supervisors	62010
Food service supervisors	62020
General office support workers	14100
Customer services representatives - financial institutions	64400
Other customer and information services representatives	64409

Financial Assessment Background Questions

Funding

No Funding



Class size

35

Preferred campus delivery

Langley
Richmond
Surrey

Supplementary Documents

Curriculum Map and Program Learning Outcomes

Curriculum MAP Mgmt Fundamentals Citation.xlsx

Key: 198

: CERTIFICATE IN HEALTHCARE MANAGEMENT

In Workflow

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Approval Path

1. Mon, 03 Mar 2025 15:45:20 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
2. Wed, 12 Mar 2025 21:15:43 GMT
Meredith Laird (meredith.laird): Rollback to SB Dean for Provost

New Program Proposal



Date Submitted: Mon, 03 Mar 2025 09:10:03 GMT

Viewing: : Certificate in Healthcare Management

Last edit: Mon, 10 Mar 2025 16:31:42 GMT

Changes proposed by: Gary Sveinson

Reviewer comments

Ulrich Paschen (ulrich.paschen) (Mon, 03 Mar 2025 09:11:04 GMT): Update spelling of program name to "Healthcare"

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:28:50 GMT): Approved at SB CurrCom 10 Mar 2025 **Meredith**

Laird (meredith.laird) (Wed, 12 Mar 2025 21:15:43 GMT): Rollback: Rollback as requested March 12. **Overview**

Program proposal contact(s)

Jeannette Paschen, Ulrich Paschen, Gary Sveinson, Chris Motiu

Calendar year edition

2025-2026 **Requirements**

Admission Requirements Curricular Requirements

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BUSI 1110	Fundamentals of Business in Canada	3
BUSI 1210	Essentials of Management or BUSI 1215	3
	Organizational Behaviour	
BUSI 2390	Business Law	3
CMNS 1140	Introduction to Professional Communication Revised Course or ENGL 1100	3
	Introduction to University Writing Revised Course	
HSCI 1115	Introduction to Health Science	3
BUSI 2405	Operations Management Revised Course	3
PHIL 3010	Health Care Ethics	3
BUSI 3150	Project Management Revised Course	3
HSCI 4245	Populations and Policy	3
HSCI 4250	<u>Health Business</u>	<u>3</u>
Total Credits		30

Credential Awarded

Upon successful completion of this program, students are eligible to receive a **Certificate in Healthcare Management**.

Program Learning Outcomes

A student who successfully completes the program will have reliably demonstrated the ability to:

- | | |
|---|---|
| 1 | Students will learn to develop business and communication skills applicable to healthcare management. |
| 2 | Students will be able to apply leadership principles to guide teams in dynamic healthcare environments. |
| 3 | Students become familiar with implementing sustainable strategies to optimize healthcare operations and resource use. |
| 4 | Students will be able to analyze ethical challenges and ensure compliance in healthcare decision-making. |
| 5 | Students will learn how to manage healthcare projects effectively, focusing on timelines, goals, and outcomes. |
| 6 | Students will be able to identify and implement improvements to enhance healthcare systems and services. |
| 7 | Students will be able to analyze healthcare organizations to support strategic goals and operational excellence. |

The following information will help determine whether there is a budgetary impact to the proposed program changes, and what additional information and consultation will be required. Please note that all additional budgetary requests in support of the proposed program change require approval from the Dean and the Provost, and additional financial documents may be required.



The information supplied is for administrative purposes only and will not be visible to reviewers in the academic governance process (e.g., Faculty and Senate committee members).

Change in space requirements? No

Change in equipment requirements? No

Change in support requirements?

No

Consultation requests

Academic Advising

Chair of other Department

Marketing

Office of the Registrar

Teaching & Learning Commons

Other departments

Departments

Applied Communications

Operations & Tech. Management

Other faculties

Faculties

Health

Abstract

Degree or non-degree program

Non-Degree

Academic level

Undergraduate

Faculty

Business

Department

Business

Program name

Certificate in Healthcare Management

Program description

After successfully completing the Certificate in Healthcare Management graduates will be equipped with the essential skills, knowledge, and abilities to effectively address the evolving healthcare operational needs of their organizations.

Program concentration(s)

The Certificate in Healthcare Management focuses on management in healthcare settings.

Implementation date

September 2025

Proposed Program Overview

Program Structure & Delivery

Proposed credential(s) to be granted
Credential Level

Certificate

Date for next review

September 2030

Alignment with KPU mission and mandate, strategic plan and academic plan

Alignment with KPU mission and mandate, strategic plan and academic plan

The Business Management Department is looking to diversify its offerings by creating a Certificate in Healthcare Management. This credential will use existing KPU courses to achieve the following objectives:

1. Provide students an opportunity to acquire a focused Healthcare Management credential.
2. This new credential in Healthcare Management Studies will align with KPU's Vision 2026 as it will help KPU meet goal A1 of enhancing the experience of students and B2 of planning operations that are aligned with resources. This credential in Healthcare Management Studies support strategies 1.2, 1.3, 1.5 and 2.6 of KPU's 2023 academic plan as it provides a transition path and more flexibility to students. It will also allow students to acquire a credential in a one-year time span and could serve as an exit credential.

Will this program include a co-operative education option? No

Discipline and Program Description
Description of discipline

The one-year Certificate in Healthcare Management is designed to provide a comprehensive overview of the principles associated with managing healthcare operations

Expected time to complete

One year OR 2 to 3 Semesters

Total number of credits

30

Type of intake

Open Intake

Cohort delivery?

No

Alternative entry options

Existing course-level articulations or PLAR.

Course Delivery Options
Part-time studies possible?(i.e., students can choose to study part-time) Yes

Evening delivery

Yes

Weekend delivery

Yes

In person

Yes

Online or blended

Yes

Delivery description

Some courses will be blended (taught partially on-campus and partially online)

Online or blended delivery options

A portion of courses are taught online each term (indicate what portion can be taken online) Some courses will be blended (taught partially on-campus and partially online)

Program Delivery Options

Co-op education program/practicum/clinical practice, etc. available No

Will graduates require certification? No

Will the program have to meet external accreditation requirements? No

Information for Competitive Assessment

Related programs at other PSIs

BCIT - Health Leadership, Advanced Certificate

Offered by BCIT's Health Care Management department, this part-time program is the only advanced certificate program of its kind in Canada.

Sterling College - Postgraduate Certificate in Health Care Practice and Management

This two-year non-credit program at Sterling College prepares internationally educated nurses for leadership or management roles in Canadian healthcare.

Douglas College - Post-Baccalaureate Diploma in Health Information Management

This program at Douglas College teaches students how to manage health information, including coding patient diagnoses and procedures. Students also gain practical experience through four practicums and a six-week project.

UBC - Master of Health Administration (MHA)

This program at UBC School of Population offers a weekend modular format with in-person and online classes. The curriculum combines health systems, policies, and management.

Unique aspects/program strengths

The Certificate in Healthcare Management will provide a diverse student population with an opportunity to attain focused Healthcare management skills in a one-year program.

New or existing courses only?

Existing

Relationship with existing KPU programs

Curriculum derived from existing KPU courses.

Information for Student Demand Assessment

New applicants to KPU

Returning students, industry practitioners or high school graduates with focused career paths.

Current KPU students

Health Sciences students may be interested in adding a business focus to their education

Domestic/international students

Both domestic and international enrollment potential, with a primary focus on domestic students.

Information for Labour Market Assessment

Main skills graduates will have upon completion of program

Main Skills

1) Think critically and utilize problem-solving techniques

2) Manage Healthcare operations in a Canadian context

3) Work collaboratively with stakeholders

4) Understand financial statements

5) Understand Canadian legislative requirements

6) Understand and apply fundamentals of Healthcare management, financial management, and project management

Sectors/types of employers that would most likely hire new graduates

1) Healthcare environments

2) Private and/or Public healthcare organizations

3) Other private or public institutions

Occupations and job titles for which new graduates would be qualified

Job Title	National Occupational Classification (NOC) Code
Other administrative services managers	10019
Health information management occupations	12111
Administrative officers	13110
Medical administrative assistants	13112
Dispatchers	14404
Government Managers-Health and Social Policy, Development and Program Administration	40010
Health policy researchers, consultants and program officers	41404
Social and community service workers	42201

Financial Assessment Background Questions

Funding

No Funding

Class size

35

New department?

No

Admin support in addition to Chair No

Specialized teaching space

Computer labs

Explain

* Computer labs may be necessary for HSCI courses (to be confirmed)

Preferred campus delivery

Langley

Richmond

Surrey



Supplementary Documents

Curriculum Map and Program Learning Outcomes

Curriculum MAP Healthcare Mgmt Cert 2025-03-05.xlsx

Key: 190

: CERTIFICATE IN OPERATIONS MANAGEMENT STUDIES

In Workflow

1. SB Dean (Heather.Harrison@kpu.ca)
2. Provost (meredith.laird@kpu.ca)
3. Ulrich Paschen (ulrich.paschen@kpu.ca)
4. SB Dean (Heather.Harrison@kpu.ca)
5. Provost (meredith.laird@kpu.ca)
6. Ulrich Paschen (ulrich.paschen@kpu.ca)
7. OPA Programs (Lori.McElroy@kpu.ca; meredith.haaf@kpu.ca)
8. Provost (meredith.laird@kpu.ca)
9. Ulrich Paschen (ulrich.paschen@kpu.ca)
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20. Provost (meredith.laird@kpu.ca)
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22. DQAB-PSIPS (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
23. Ministry (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
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41. Calendar Editor (calendar.editor@kpu.ca)

Approval Path

1. Tue, 07 Jan 2025 17:53:22 GMT
008931635: Rollback to Initiator
2. Tue, 04 Mar 2025 21:44:49 GMT



Heather Harrison (Heather.Harrison): Approved for SB Dean

New Program Proposal

Date Submitted: Tue, 04 Mar 2025 00:04:01 GMT

Viewing: : Certificate in Operations Management Studies

Last edit: Mon, 10 Mar 2025 16:33:56 GMT

Changes proposed by: Ralph Ferens

Reviewer comments

Ralph Ferens (Ralph.Ferens) (Tue, 07 Jan 2025 01:02:22 GMT): This program was advanced without the curriculum. This program consists of the following 10 courses: 1) BUSI 1110 2) BUSI 1210 or BUSI 1215 3) ENGL 1100 4) ACCT 2293 5) BUSI 1250 6) BUSI 2405 7) BUSI 3140 8) BUSI 3120 9) BUSI 3150 10) BUSI 2390

008931635 (Tue, 07 Jan 2025 17:53:22 GMT): Rollback: as per your request

Ulrich Paschen (ulrich.paschen) (Sat, 08 Mar 2025 04:59:25 GMT): Under "Alignment with KPU mission and mandate, strategic plan and academic plan", please delete the second point. Due to its tight focus and use of curriculum from undergraduate and postbacc programs, this credential does not ladder into additional KPU credentials.

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:28:38 GMT): Approved at SB CurrCom 10 Mar 2025 **Overview**

Program proposal contact(s)

Ralph Ferens, Colin Henry, Gary Sveinson, Charles Dickens, Kavinda Wanniarachchi

Calendar year edition

2025-2026 **Requirements**

Admission Requirements Curricular Requirements

The Faculty's Admission Requirements, which consist of KPU's undergraduate English Proficiency Requirement (<https://calendar.kpu.ca/admissions/english-proficiency-requirements/>), apply to this program.

Code	Title	Credits
BUSI 1110	Fundamentals of Business in Canada	3
BUSI 1210 or BUSI 1215	Essentials of Management Organizational Behaviour	3
BUSI 2390	Business Law	3
CMNS 1140 or ENGL 1100	Introduction to Professional Communication Revised Course Introduction to University Writing Revised Course	3
BUSI 1250	Human Resources Management I	3
BUSI 2405	Operations Management Revised Course	3
BUSI 3130	Information Systems for Operations and Supply Chain Management New Course	3
BUSI 3140	Supply Chain & Logistics Management Revised Course	3
BUSI 3150	Project Management Revised Course	3
ACCT 3160	<u>Financial and Managerial Accounting for Managers New Course</u>	<u>3</u>
Total Credits		30

Credential Awarded

Upon successful completion of this program, students are eligible to receive a **Certificate in Operations Management Studies**.

Program Learning Outcomes

A student who successfully completes the program will have reliably demonstrated the ability to:

- 1 Students will learn to evaluate and apply foundational business, legal, management, and leadership concepts and tools.
- 2 Students will learn and apply the foundations of operations management, supply chain management, and quality management strategies and tactics.

- 3 Students will learn and apply the fundamentals of project management methodologies to their organizational environment.



The following information will help determine whether there is a budgetary impact to the proposed program changes, and what additional information and consultation will be required. Please note that all additional budgetary requests in support of the proposed program change require approval from the Dean and the Provost, and additional financial documents may be required.

The information supplied is for administrative purposes only and will not be visible to reviewers in the academic governance process (e.g., Faculty and Senate committee members).

Change in space requirements? No

Change in equipment requirements? No

Change in support requirements?

No

Consultation requests

Academic Advising

Chair of other Department

Office of the Registrar

Teaching & Learning Commons

Abstract

Degree or non-degree program

Non-Degree

Academic level

Undergraduate

Faculty

Business

Department

Business

Program name

Certificate in Operations Management Studies

Program description

After successfully completing the Certificate in Operations Management Studies graduates will be equipped with the essential skills, knowledge, and abilities to effectively address the evolving operational needs of their organizations.

Program concentration(s)

The Certificate in Operations Management Studies focuses on:

- 1) operations management
- 2) supply chain management and logistics
- 3) quality management
- 4) project management

Implementation date

September 2025

Proposed Program Overview

Program Structure & Delivery

Proposed credential(s) to be granted

Credential Level

Certificate



Date for next review

September 2030

Alignment with KPU mission and mandate, strategic plan and academic plan

The Business Management Department is looking to diversify its offerings by creating a Certificate in Operations Management Studies. This credential will use existing KPU courses to achieve the following objectives:

1. Provide students an opportunity to acquire a focused Operations Management credential.
2. Create a pathway for students to ladder into the Diploma of Business Management, and/or other Melville School of Business Bachelors Degrees.
3. This new credential in Operations Management Studies will align with KPU's Vision 2026 as it will help KPU meet goal A1 of enhancing the experience of students and B2 of planning operations that are aligned with resources. This credential in Operations Management Studies support strategies 1.2, 1.3, 1.5 and 2.6 of KPU's 2023 academic plan as it provides a transition path and more flexibility to students. It will also allow students to acquire a credential in a one-year time span and could serve as an exit credential.

Will this program include a co-operative education option? No

Discipline and Program Description

Description of discipline

The one-year Certificate in Operations Management Studies is designed to provide a comprehensive overview of the principles associated with managing business operations.

Expected time to complete

One year OR 2 to 3 Semesters

Total number of credits

30

Type of intake

Open Intake

Cohort delivery?

No

Alternative entry options

Credit through existing course-level BC Transfer Guide equivalencies, PLAR by course

Course Delivery Options

Part-time studies possible?(i.e., students can choose to study part-time) Yes

Evening delivery

Yes

Weekend delivery

Yes

In person

Yes

Online or blended

Yes

Online or blended delivery options

A portion of courses are taught online each term (indicate what portion can be taken online) Some courses will be blended (taught partially on-campus and partially online)

Explain

Most courses are taught both online and on campus, and are broadly offered with a wide variety of delivery options offering flexibility for students.

Program Delivery Options

Co-op education program/practicum/clinical practice, etc. available No

Will the program have to meet external accreditation requirements? No

Information for Competitive Assessment

Related programs at other PSIs

- 1) Douglas College - Post-Degree Diploma in Supply Chain Management
- 2) Thompson Rivers University - Supply Chain Management Post-Baccalaureate Diploma
- 3) Langara College - Supply Chain and Logistics Post-Degree Diploma
- 4) Keystone College - Post Graduate Diploma in Supply Chain Management

Unique aspects/program strengths

The Certificate in Operations Management Studies will provide diverse student population with an opportunity to attain focused operations management skills in a one-year program.

New or existing courses only?

Existing

Relationship with existing KPU programs

Curriculum derived from existing KPU courses.

Information for Student Demand Assessment

New applicants to KPU

High-school, returning students, or industry practitioners.

Domestic/international students

This program will be open to both domestic and International students. Due to the concise nature, it is expected to have more appeal to domestic students.

Information for Labour Market Assessment

Main skills graduates will have upon completion of program

Main Skills

Upon successful completion of the Certificate in Operations Management Studies, students will be able to:

- 1) Think critically and utilize problem solving techniques
- 2) Manage business operations in a Canadian context
- 3) Work collaboratively with stakeholders
- 4) Understand financial statements
- 5) Understand Canadian legislative requirements
- 6) Understand and apply fundamentals of operations management, supply chain management, quality management and project management

Sectors/types of employers that would most likely hire new graduates

- 1) Service and/or Goods environments
- 2) Private and/or Public organizations

Occupations and job titles for which new graduates would be qualified

Job Title

National Occupational Classification (NOC) Code

Supervisors, supply chain, tracking and scheduling coordination occupations	12013
Production and transportation logistics coordinators	13201
Dispatchers	14404
Transportation route and crew schedulers	14405
Manufacturing managers	90010
Process control and machine operators, food and beverage processing	94140
Facility operation and maintenance managers	70012
Senior managers - public and private sector	00018
Supervisors, food and beverage processing	92012
Production logistics workers	14402
Purchasing Managers	10012
Supervisors, forest products processing	92014
Retail and wholesale trade managers	60020

Financial Assessment Background Questions

Funding

No Funding

Class size

35

New department?

No

Admin support in addition to Chair

No

Specialized equipment

Specialized software

Specialized teaching space

Computer labs

Preferred campus delivery

Langley

Richmond

Surrey

Supplementary Documents

Curriculum Map and Program Learning Outcomes

Curriculum MAP Ops Mgmt Certificate.xlsx

Other documents

Operations Management Studies Certificate Program One-Pager.docx

: CERTIFICATE IN RETAIL AND SALES MANAGEMENT

In Workflow

1. SB Dean (Heather.Harrison@kpu.ca)
2. Provost (meredith.laird@kpu.ca)
3. Ulrich Paschen (ulrich.paschen@kpu.ca)
4. SB Dean (Heather.Harrison@kpu.ca)
5. Provost (meredith.laird@kpu.ca)
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40. Ministry (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
41. Calendar Editor (calendar.editor@kpu.ca)

Approval Path

1. Wed, 05 Mar 2025 15:22:37 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean

New Program Proposal

Date Submitted: Wed, 05 Mar 2025 06:41:23 GMT

Viewing: : Certificate in Retail and Sales Management



Last edit: Mon, 10 Mar 2025 16:36:42 GMT

Changes proposed by: Kevin Peters

Reviewer comments

Gustavo Arruda (gustavo.arruda) (Fri, 07 Mar 2025 18:39:31 GMT): I see that MRKT1199 was included as an elective now. I still would like to point out that MRKT1299, MRKT2321 and MRKT2360 have MRKT1199 as pre-requisite. It may still create progression issues if someone does not select MRKT1199 as an elective.

Ulrich Paschen (ulrich.paschen) (Sat, 08 Mar 2025 05:10:15 GMT): @ Gustavo Arruda: MRKT 1199 is not an elective, it is required. Elective pairs are MRKT 2321 or MRKT 2360 BUSI 2465 or FMRK 2105

Susan Francis (Susan.Francis) (Mon, 10 Mar 2025 03:44:42 GMT): HRMT department found a significant gap of human resources curriculum in these management programs. Suggest BUSI 1250 Introduction to Human Resources (strategic business approach to human resources management; management practices relating to equity, diversity and employee rights; HRM planning, recruiting, selection, employee relations, labour relations, performance management, compensation, training and development, health and safety)

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:31:26 GMT): Proponents reviewed HRMT's concerns and found the CLO's properly mapped with the existing course choices, and HRMT topics only covered in BUSI 1110

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:31:35 GMT): Approved at SB CurrCom 10 Mar 2025 **Overview**

Program proposal contact(s)

Jeannette Paschen; Ulrich Paschen; Kevin Peters

Calendar year edition

2025-2026 Requirements

Admission Requirements Curricular Requirements

The Faculty's Admission Requirements, which consist of KPU's undergraduate English Proficiency Requirement (<https://calendar.kpu.ca/admissions/english-proficiency-requirements/>), apply to this program.

Code	Title	Credits
BUSI 1110	Fundamentals of Business in Canada	3
BUSI 1210 or BUSI 1215	Essentials of Management Organizational Behaviour	3
BUSI 2390	Business Law	3
CMNS 1140 or ENGL 1100	Introduction to Professional Communication Revised Course Introduction to University Writing Revised Course	3
MRKT 1199	Introduction to Marketing	3
MRKT 1299	Consumer Behaviour	3
MRKT 2321 or MRKT 2360	Retail Management Selling and Sales Management	3
FMRK 2105 or BUSI 2465	Visual Fashion Merchandising & Promotion Negotiation Skills	3
BUSI 2405	Operations Management Revised Course	3
ACCT 3160	<u>Financial and Managerial Accounting for Managers New Course</u>	<u>3</u>
Total Credits		30

Credential Awarded

Upon successful completion of this program, students are eligible to receive a **Certificate in Retail and Sales Management**.

Program Learning Outcomes

A student who successfully completes the program will have reliably demonstrated the ability to:

- 1 Evaluate and apply foundational business, legal and management concepts and tools
- 2 Analyze, build and articulate effective value propositions for new and existing products/services.
- 3 Evaluate and describe the full cycle sales process and apply the appropriate tools to negotiate and close a sale
- 4 Select appropriate retail strategies and techniques based on consumer and market needs
- 5 Manage and lead retail operations and sales teams to support value creation and delivery

The following information will help determine whether there is a budgetary impact to the proposed program changes, and what additional information and consultation will be required. Please note that all additional budgetary requests in support of the proposed program change require approval from the Dean and the Provost, and additional financial documents may be required.

The information supplied is for administrative purposes only and will not be visible to reviewers in the academic governance process (e.g., Faculty and Senate committee members).

Change in space requirements? No

Change in equipment requirements? No

Change in support requirements?

No

Consultation requests

Academic Advising
Chair of other Department
Dean of other Faculty
Marketing
Office of the Registrar
Teaching & Learning Commons

Other departments

Departments

Applied Communications
Fashion Marketing
Marketing
Business Graduate Programs
Economics
English

Other faculties

Faculties

Arts
Design

Abstract

Degree or non-degree program

Non-Degree

Academic level

Undergraduate

Faculty



Business

Department

Business

Program name

Certificate in Retail and Sales Management

Program description

After successfully completing the Certificate in Retail and Sales Management graduates will be equipped with the essential skills, knowledge, and abilities to effectively address the evolving retail and sales needs of their organizations.

Program concentration(s)

The Certificate in Retail and Sales Management focuses on issues in management of retail and sales at an introductory and intermediate level.

Implementation date

September 2025

Proposed Program Overview

Program Structure & Delivery

Proposed credential(s) to be granted

Credential Level
Certificate

Date for next review

September 2030

Alignment with KPU mission and mandate, strategic plan and academic plan

Alignment with KPU mission and mandate, strategic plan and academic plan

The Business Management Department is looking to diversify its offerings by creating a Certificate in Retail and Sales Management. This credential will use existing KPU courses to achieve the following objectives:

1. Provide students an opportunity to acquire a focused Retail and Sales Management credential.
2. This new credential in Retail and Sales Management Studies will align with KPU's Vision 2026 as it will help KPU meet goal A1 of enhancing the experience of students and B2 of planning operations that are aligned with resources. This credential in Retail and Sales Management Studies supports strategies 1.2, 1.3, 1.5 and 2.6 of KPU's 2023 academic plan as it provides a transition path and more flexibility to students. It will also allow students to acquire a credential in a one-year time span and could serve as an exit credential.

Will this program include a co-operative education option? No

Discipline and Program Description

Description of discipline

The one-year Certificate in Retail and Sales Management is designed to provide a comprehensive overview of the principles associated with managing retail and sales settings

Expected time to complete

One year OR 2 to 3 Semesters

Total number of credits

30



Type of intake

Open Intake

Cohort delivery?

No

Alternative entry options

Existing course-level articulations or PLAR.

Course Delivery Options

Part-time studies possible?(i.e., students can choose to study part-time) Yes

Evening delivery

Yes

Weekend delivery

Yes

In person

Yes

Online or blended

Yes

Delivery description

Some courses will be blended (taught partially on-campus and partially online)

Online or blended delivery options

A portion of courses are taught online each term (indicate what portion can be taken online) Some courses will be blended (taught partially on-campus and partially online)

Explain

Flexible delivery in line with the utilization of existing curriculum

Program Delivery Options

Co-op education program/practicum/clinical practice, etc. available No

Will graduates require certification? No

Will the program have to meet external accreditation requirements? No

Information for Competitive Assessment

Related programs at other PSIs UfV:

Marketing and Sales Certificate

BCIT: Marketing Management (Professional Sales Option)

Capilano University: Retail Operations Certificate

Unique aspects/program strengths

The Certificate in Retail and Sales Management will provide a diverse student population with an opportunity to attain focused Retail and Sales management skills in a one-year program.

New or existing courses only?

Existing

Relationship with existing KPU programs

Curriculum derived from existing KPU courses.



Information for Student Demand Assessment

New applicants to KPU

Returning students or industry practitioners, high school graduates with a focused career path.

Domestic/international students

Both domestic and international enrolment potential.

Information for Labour Market Assessment

Main skills graduates will have upon completion of program

Main Skills

Evaluate and apply foundational business, legal and management concepts and tools

Analyze, build and articulate effective value propositions for new and existing products/services.

Evaluate and describe the full cycle sales process and apply the appropriate tools to negotiate and close a sale

Select appropriate retail strategies and techniques based on consumer and market needs

Manage and lead retail operations and sales teams to support value creation and delivery

Sectors/types of employers that would most likely hire new graduates

1) Private organizations in Retail

2) Private organizations in Wholesale Trade

Occupations and job titles for which new graduates would be qualified

Job Title	National Occupational Classification (NOC) Code
Retail and wholesale trade managers	60020
Corporate sales managers	60010

Managers in customer and personal services 60040

Financial Assessment

Background Questions

Funding

No Funding

Class size

35

New department?

No

Admin support in addition to Chair

No

Preferred campus delivery

Langley

Richmond

Surrey



Supplementary Documents

Curriculum Map and Program Learning Outcomes

Curriculum MAP Retail & Sales Mgmt Cert.xlsx

Key: 194

: CERTIFICATE IN SUSTAINABLE MANAGEMENT

In Workflow

1. SB Dean (Heather.Harrison@kpu.ca)
2. Provost (meredith.laird@kpu.ca)
3. Ulrich Paschen (ulrich.paschen@kpu.ca)
4. SB Dean (Heather.Harrison@kpu.ca)
5. Provost (meredith.laird@kpu.ca)
6. Ulrich Paschen (ulrich.paschen@kpu.ca)
7. OPA Programs (Lori.McElroy@kpu.ca; meredith.haaf@kpu.ca)
8. Provost (meredith.laird@kpu.ca)
9. Ulrich Paschen (ulrich.paschen@kpu.ca)
10. Consultations (oprocurriculum@kpu.ca)
11. ORegCurrConsult (oregcurrconsult@kpu.ca)
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18. Board Finance Committee (lily.chong@kpu.ca; sonia.banwait1@kpu.ca; boardofgovernors@kpu.ca)
19. Board (lily.chong@kpu.ca; sonia.banwait1@kpu.ca; boardofgovernors@kpu.ca)
20. Provost (meredith.laird@kpu.ca)
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22. DQAB-PSIPS (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
23. Ministry (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
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30. Graduate Studies Council (David.Burns@kpu.ca)
31. Senate Standing Committee on University Budget (carley.hodgkinson@kpu.ca)
32. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
33. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
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36. Board (lily.chong@kpu.ca; sonia.banwait1@kpu.ca; boardofgovernors@kpu.ca)
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38. Ministry (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
39. DQAB-PSIPS (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
40. Ministry (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
41. Calendar Editor (calendar.editor@kpu.ca) **New Program Proposal**

Date Submitted: Thu, 06 Mar 2025 06:25:05 GMT

Viewing: : Certificate in Sustainable Management

Last edit: Mon, 10 Mar 2025 16:39:32 GMT

Changes proposed by: Nina Jauernig

Reviewer comments

Gustavo Arruda (gustavo.arruda) (Fri, 07 Mar 2025 18:42:34 GMT): I see that MRKT2500 was removed. Is it being replaced with BUSI 3210? I also see that BUSI 3210 is (cross-listed with GRMT 6110). Is that correct?

Ulrich Paschen (ulrich.paschen) (Sat, 08 Mar 2025 05:06:06 GMT): @Gustavo Arruda. Your observation is correct. Consultation with MRKT revealed that the MRKT 1199 prereq was seen as essential. Within the 10-course Certificate, this could not be accommodated. BUSI 3210 was seen as a suitable, existing curricular alternative

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:32:41 GMT): Passed at SB CurrCom 10 Mar 2025 **Overview**

Program proposal contact(s)

Jeannette Paschen; Ulrich Paschen; Nina Jauernig; Anton Kietaihl

Calendar year edition

2025-2026 Requirements

Admission Requirements Curricular Requirements

The Faculty's Admission Requirements, which consist of KPU's undergraduate English Proficiency Requirement (<https://calendar.kpu.ca/admissions/english-proficiency-requirements/>), apply to this program.

Code	Title	Credits
BUSI 1110	Fundamentals of Business in Canada	3
BUSI 1210	Essentials of Management or BUSI 1215 Organizational Behaviour	3
BUSI 2390	Business Law	3
CMNS 1140	Introduction to Professional Communication Revised Course or ENGL 1100 Introduction to University Writing Revised Course	3
POST 1200	Inclusive Communities, Sustainable Futures	3
ENTR 2120	Persuasion and Influence	3
BUSI 3200	Sustainability and Business Administration Revised Course	3
BUSI 3210	Green Marketing Management Revised Course	3
BUSI 3240	Sustainable Operations Revised Course	3
ACCT 3160	<u>Financial and Managerial Accounting for Managers New Course</u>	3
Total Credits		30

Credential Awarded

Upon successful completion of this program, students are eligible to receive a **Certificate in Sustainable Management**.

Program Learning Outcomes

A student who successfully completes the program will have reliably demonstrated the ability to:

- 1 Evaluate and apply foundational business, legal, communication and management concepts and tools.
- 2 Evaluate principles of sustainability and their relevance to business organizations in the context of environmental, social, legal and economic dimensions.
- 3 Analyze and prepare sustainability reports in organizations, aligned with global standards such as GRI or ISO 14001 and CSR Corporate Social Responsibility (CSR) programs as they relate to governance and sustainability.
- 4 Develop effective interpersonal strategies to engage with diverse stakeholders to effect sustainability strategies.

The following information will help determine whether there is a budgetary impact to the proposed program changes, and what additional information and consultation will be required. Please note that all additional budgetary requests in support of the proposed program change require approval from the Dean and the Provost, and additional financial documents may be required.



The information supplied is for administrative purposes only and will not be visible to reviewers in the academic governance process (e.g., Faculty and Senate committee members).

Change in space requirements? No

Change in equipment requirements? No

Change in support requirements?

No

Consultation requests

Academic Advising

Chair of other Department

Dean of other Faculty

Disability, Accessibility, and Inclusion

Marketing

Office of the Registrar

Teaching & Learning Commons

Other departments

Departments

Policy Studies

Applied Communications

English

Marketing

Business Graduate Programs

Entrepreneurial Leadership

Other faculties

Faculties

Arts

Abstract

Degree or non-degree program

Non-Degree

Academic level

Undergraduate

Faculty

Business

Department

Business

Program name

Certificate in Sustainable Management

Program description

After successfully completing the Certificate in Sustainability Management, graduates will be equipped with the essential skills, knowledge, and abilities to effectively address the evolving sustainable management needs of organizations. This includes integrating sustainability principles into all aspects of business operations, including strategy, marketing, supply chain management, and corporate governance.



Program concentration(s)

The Certificate in Sustainable Management focuses on issues of sustainable management at the introductory to intermediate level.

Implementation date

September 2025

Proposed Program Overview

Program Structure & Delivery

Proposed credential(s) to be granted

Credential Level

Certificate

Date for next review

September 2030

Alignment with KPU mission and mandate, strategic plan and academic plan

The Business Management Department is looking to diversify its offerings by creating a Certificate in Sustainable Management. This credential will use all existing KPU courses to achieve the following objectives:

1. Provide students an opportunity to acquire a focused Sustainable Management credential.
2. This new credential in Sustainable Management will align with KPU's Vision 2026 as it will help KPU meet goal A1 of enhancing the experience of students and B2 of planning operations that are aligned with resources. This credential in Sustainable Management supports strategies 1.2, 1.3, 1.5 and 2.6 of KPU's 2023 academic plan as it provides a transition path and more flexibility to students. It will also allow students to acquire a credential in a one-year time span and could serve as an exit credential.

Will this program include a co-operative education option? No

Discipline and Program Description

Description of discipline

The one-year Certificate in Sustainable Management is designed to provide a comprehensive overview of the principles associated with sustainable management in organizations.

Expected time to complete

One year OR 2 to 3 Semesters

Total number of credits

30

Type of intake

Open Intake

Alternative entry options

Laddering from the existing BUSI Diploma, existing course-level articulation agreements, and PLAR **Course**

Delivery Options

Part-time studies possible?(i.e., students can choose to study part-time) Yes

Evening delivery

Yes

Weekend delivery

Yes

In person



Yes

Online or blended

Yes

Delivery description

Some courses will be blended (taught partially on-campus and partially online)

Online or blended delivery options

A portion of courses are taught online each term (indicate what portion can be taken online) Some courses will be blended (taught partially on-campus and partially online)

Explain

Flexible delivery in line with the utilization of existing curriculum

Program Delivery Options

Co-op education program/practicum/clinical practice, etc. available No

Will graduates require certification? No

Will the program have to meet external accreditation requirements? No

Information for Competitive Assessment

Related programs at other PSIs

CERTIFICATES AND DIPLOMAS:

BCIT - Advanced Certificate in Sustainable Business

BCIT - Advanced Diploma in Sustainable Leadership

College of the Rockies - Post-Degree Diploma in Sustainable Business Practices

KPU - Graduate Diploma in Business Administration: Green Business Mgt and Sustainability

Royal Roads University - Undergraduate Certificate in Business and Sustainability

UBC Executive Education - Global Certificate in Corporate Sustainability DEGREES:

Capilano - Associate Arts Degree - Global Stewardship

College of the Rockies - Bachelor of Business Administration: Sustainable Business Practices

Royal Roads University - BBA in Innovation and Sustainability

Thompson Rivers University - BBA Environmental Economics & Sustainable Development Minor

UBC Okanagan - Bachelor of Sustainability

UVic - Bachelor of Commerce - Non-specialized electives in Sustainability

UVic - Bachelor of Commerce - Sustainability and Social Impact Concentration

Unique aspects/program strengths

The Certificate in Sustainability will provide a diverse student population with an opportunity to attain focused sustainable management skills in a one-year program.

New or existing courses only?

Existing

Relationship with existing KPU programs

Curriculum derived from existing KPU courses.

Information for Student Demand Assessment

New applicants to KPU

Returning students or industry practitioners, high school graduates with a focused career path.

Domestic/international students

Both domestic and international enrollment potential with a focus on domestic students.

Information for Labour Market Assessment

Main skills graduates will have upon completion of program

Main Skills

- 1) Understand and apply fundamentals of sustainable management
- 2) Analyze and prepare sustainability reports
- 3) Engage with diverse stakeholders to affect sustainability strategies
- 5) Understand financial statements
- 6) Think critically and utilize problem solving techniques

Sectors/types of employers that would most likely hire new graduates

- 1) Large corporations
- 2) Consulting firms
- 3) Government
- 4) Non-profit organizations

Occupations and job titles for which new graduates would be qualified

Job Title	National Occupational Classification (NOC) Code
Professional occupations in business	11201
Forestry professionals	21111
Agricultural representatives, consultants	21112
Public and environmental health and safety professionals	21120
Conservation and fishery officers	22113
Urban and land use planners	21202
Managers in customer and personal services	60040
Accommodation service managers	60031
Managers in transportation	70020
Managers in natural resources production and fishing	80010

Financial Assessment Background Questions

Funding

No Funding

Class size

35

New department?

No

Admin support in addition to Chair No

Preferred campus delivery

Langley
Richmond
Surrey



Supplementary Documents

Curriculum Map and Program Learning Outcomes

Curriculum MAP Sustainable Mgmt Cert 2025-03-4.xlsx

Key: 196

: CERTIFICATE IN BUSINESS LAW

In Workflow

1. SB Dean (Heather.Harrison@kpu.ca)
2. Provost (meredith.laird@kpu.ca)
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4. SB Dean (Heather.Harrison@kpu.ca)
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20. Provost (meredith.laird@kpu.ca)
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22. DQAB-PSIPS (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
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39. DQAB-PSIPS (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
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41. Calendar Editor (calendar.editor@kpu.ca)

Approval Path

1. Wed, 12 Mar 2025 18:47:31 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
2. Wed, 12 Mar 2025 20:05:47 GMT
Meredith Laird (meredith.laird): Rollback to SB Dean for Provost

New Program Proposal



Date Submitted: Sat, 08 Mar 2025 00:44:14 GMT

Viewing: : Certificate in Business Law

Last edit: Mon, 10 Mar 2025 16:28:47 GMT

Changes proposed by: Anton Kietaibl

Reviewer comments

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:29:41 GMT): Approved at SB CurrCom 10 Mar 2025

Meredith Laird (meredith.laird) (Wed, 12 Mar 2025 20:05:47 GMT): Rollback: To add comments about courses that are not currently offered, if desired.

Overview

Program proposal contact(s)

Jeannette Paschen, Ulrich Paschen, Anton Kietaibl, Laila Ali, Sasha Ramnarine, Philip Walters

Calendar year edition

2025-2026 Requirements

Admission Requirements Curricular Requirements

The Faculty's Admission Requirements, which consist of KPU's undergraduate English Proficiency Requirement (<https://calendar.kpu.ca/admissions/english-proficiency-requirements/>), apply to this program.

Code	Title	Credits
BUSI 1110	Fundamentals of Business in Canada	3
BUSI 1210	Essentials of Management or BUSI 1215	3
	Organizational Behaviour	
BUSI 2390	Business Law	3
CMNS 1140	Introduction to Professional Communication Revised Course or ENGL 1100	3
	Introduction to University Writing Revised Course	
INDG 1100	Introduction to Indigenous Studies	3
BUSI 2465	Negotiation Skills	3
PHIL 3033	Business Ethics Revised Course	3
HRMT 3125	Employment Law & the Employment Relationship Revised Course	3
BUSI 3391	Contract Law New Course	3
BUSI 3392	<u>Corporate Law New Course</u>	<u>3</u>
Total Credits		30

Credential Awarded

Upon successful completion of this program, students are eligible to receive a **Certificate in Business Law**.

Program Learning Outcomes

A student who successfully completes the program will have reliably demonstrated the ability to:

- 1 Evaluate and apply foundational business, legal and management concepts.
- 2 Demonstrate the ability to write clearly and concisely for the workplace, including written legal analysis and basic contract drafting.
- 3 Identify and analyze situations to devise appropriate legal risk management strategies in a variety of business law circumstances
- 4 Apply ethics to legal decision-making, utilizing knowledge of corporate social responsibility, truth and reconciliation, and various dispute resolution techniques.

The following information will help determine whether there is a budgetary impact to the proposed program changes, and what additional information and consultation will be required. Please note that all additional budgetary requests in support of the proposed program change require approval from the Dean and the Provost, and additional financial documents may be required.



The information supplied is for administrative purposes only and will not be visible to reviewers in the academic governance process (e.g., Faculty and Senate committee members).

Change in space requirements? No

Change in equipment requirements? No

Change in support requirements?

No

Consultation requests

Academic Advising

Chair of other Department

Dean of other Faculty

Disability, Accessibility, and Inclusion

Indigenous Leadership

Marketing

Office of the Registrar

Teaching & Learning Commons

Other departments

Departments

Applied Communications

Human Resources Mngt

Philosophy

English

Other faculties

Faculties

Arts

Abstract

Degree or non-degree program

Non-Degree

Academic level

Undergraduate

Faculty

Business

Department

Business

Program name

Certificate in Business Law

Program description

After successfully completing the Certificate in Business Law, students will have reliably demonstrated the ability to 1. Evaluate and apply foundational business, legal and management concepts.

2. Demonstrate the ability to write clearly and concisely for the workplace, including written legal analysis and basic contractdrafting.

3. Identify and analyze situations to devise appropriate legal risk management strategies in a variety of business law circumstances 4. Apply ethics to legal decision-making, utilizing knowledge of corporate social responsibility, truth and reconciliation, and various dispute resolution techniques.

Program concentration(s)

The Certificate in Business Law focuses introduces issues of law and management at the introductory to intermediate level.

Implementation date

September 2025

Proposed Program Overview

Program Structure & Delivery

Proposed credential(s) to be granted

Credential Level

Certificate

Date for next review

September 2030

Alignment with KPU mission and mandate, strategic plan and academic plan

Alignment with KPU mission and mandate, strategic plan and academic plan

The Business Management Department is looking to diversify its offerings by creating a Certificate in Business Law. This credential will use existing KPU courses plus two new courses -Contract Law and Corporate Law - to achieve the following objectives:

1. Provide students an opportunity to acquire a focused Business Law credential.
2. This new credential in Business Law will align with KPU's Vision 2026 as it will help KPU meet goal A1 of enhancing the experience of students and B2 of planning operations that are aligned with resources. This credential in Business Law supports strategies 1.2, 1.3, 1.5 and 2.6 of KPU's 2023 academic plan as it provides a transition path and more flexibility to students. It will also allow students to acquire a credential in a one-year time span and could serve as an exit credential.

Will this program include a co-operative education option? No

Discipline and Program Description

Description of discipline

The one-year Certificate in Business Law is designed to provide a comprehensive overview of the process of identifying

Expected time to complete

One year OR 2 to 3 Semesters

Total number of credits

30

Type of intake

Open Intake

Cohort delivery?

No

Course Delivery Options

Part-time studies possible?(i.e., students can choose to study part-time) Yes

Evening delivery

Yes

**Weekend delivery**

Yes

In person

Yes

Online or blended

Yes

Delivery description

Some offerings of some courses will be blended (taught partially on-campus and partially online). Some offerings of some courses will be fully online.

Online or blended delivery options

A portion of courses are taught online each term (indicate what portion can be taken online) Some courses will be blended (taught partially on-campus and partially online)

Explain

The majority of the courses offered in this program are pre-existing courses that are already offered in a variety of formats.

Program Delivery Options

Co-op education program/practicum/clinical practice, etc. available No

Will graduates require certification? No

Will the program have to meet external accreditation requirements? No

Information for Competitive Assessment**Related programs at other PSIs**

The only comparable undergraduate certificate program on offer is the Certificate in Contract Law at Capilano University. However, admission to this program is limited to BC Hydro employees. Other business law specializations in BC are integrated into full Bachelor of Business degrees at Douglas College, UBC, and Thomson River University.

Unique aspects/program strengths

The Certificate in Business Law will provide a diverse student population with an opportunity to attain focused Business Law skills in a one-year program.

New or existing courses only?

New

Notes

The program will primarily consist of existing courses. However, two new courses are being developed and will be included in this program: Contract Law and Corporate Law.

Information for Student Demand Assessment**New applicants to KPU**

High-school, returning students, or industry practitioners.

Current KPU students

Students currently in other Melville School of Business programs may be able to complete this certificate through appropriate course selection within their existing programs.

Domestic/international students

Both domestic and international enrollment potential.

Information for Labour Market Assessment

Main skills graduates will have upon completion of program

Main Skills

Upon successful completion of the Certificate in Business Law, students will be able to:

- 1) Evaluate and apply foundational business, legal and management concepts.
- 2) Identify and analyze situations to devise appropriate legal risk management strategies in a variety of business law circumstances
- 3) Communicate effectively regarding legal issues.
- 4) Write clearly and concisely for the workplace, including written legal analysis and basic contract drafting.
- 5) Apply ethics to legal decision-making, utilizing knowledge of corporate social responsibility, truth and reconciliation, and various dispute resolution techniques.

Sectors/types of employers that would most likely hire new graduates

- 1) General professional occupations in business.
- 2) Managers in public administration
- 3) Human Resources
- 4) Finance
- 5) Insurance
- 6) Banking

Occupations and job titles for which new graduates would be qualified

Job Title	National Occupational Classification (NOC) Code
Professional Occupations in Business	11201
Other Manager in Public Administration	40019
Human Resource Managers	10011
Other Business Services Manager	10029
Banking, Credit and Other Investment Managers	10021
Insurance Underwriters	12202

Financial Assessment Background Questions

Funding

No Funding

Class size

35

New department?

No

Admin support in addition to Chair

No

Preferred campus delivery

Langley
Richmond
Surrey

Supplementary Documents

Curriculum Map and Program Learning Outcomes

Curriculum MAP Business Law Feb 28 2025.xlsx

Key: 193

BUSI 3391: CONTRACT LAW

In Workflow

1. Business Chair (jeannette.paschen@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. OPA (opa@kpu.ca)
4. Finance (accounts.receivable@kpu.ca)
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8. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
9. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
10. OReg-Courses (Course.Outlines@kpu.ca)
11. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Sat, 08 Mar 2025 23:32:40 GMT

Jeannette Paschen (jeannette.paschen): Approved for Business Chair **New**

Course Proposal

Date Submitted: Sat, 08 Mar 2025 00:33:31 GMT

Viewing: BUSI 3391 : Contract Law

Last edit: Sat, 08 Mar 2025 00:33:30

GMT

Changes proposed by: Ulrich Paschen (100391038)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:35:01 GMT): Approved at SB CurrCom 10 Mar 2025

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Business

Implementation Date

Fall 2025

Subject Code

BUSI - Business

Course Number 3391

Descriptive Title Contract

Law

Short Title Contract

Law

Fee Category 2.a.1? No



Calendar Description

This course provides a comprehensive exploration of contract interpretation and drafting, focusing on key agreements such as service contracts, supply contracts, sale agreements, leases, employment contracts, and more, with a strong emphasis on practical skills in drafting and analyzing legal documents.

Suggested Credit Hours

3

Credits

3

Suggested Classroom Hours

3

Total Contact Hours 3

Is this course repeatable for additional credit?

No

Prerequisites BUSI

2390

Schedule Types

Schedule Type

Class

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|---|
| 1 | understand the basic principles of contract law. |
| 2 | recognize when legal expertise is necessary. |
| 3 | apply the principles of contract interpretation, focusing on key legal frameworks and common clauses in various types of contracts. |
| 4 | draft clear, effective, and enforceable contracts, including but not limited to service agreements, supply contracts, sale agreements, employment and business agreements and leases. |
| 5 | identify and resolve ambiguities or disputes in contract language through analysis of real-world examples. |
| 6 | critically evaluate and revise contract terms to specific business needs and industries while minimizing legal risks. |

Content will include, but is not restricted to, the following:

- Overview of contract law principles
- Key legal theories in contract interpretation
- The role of intention, consent, and capacity in contract formation
- Principles of interpreting ambiguous or unclear contract terms
- Parol evidence rule and its exceptions
- Case studies on how courts interpret contracts in different contexts
- Common clauses and boilerplate language
- Plain language drafting techniques to avoid ambiguity and enhance enforceability
- Drafting enforceable terms and conditions
- Hands-on exercises: drafting various types of contracts
- Case studies of contract disputes and drafting solutions
- Effective contract negotiation strategies
- Role-playing and mock contract negotiation exercises
- Adapting contract terms for different industries and jurisdictions
- Ethical considerations in drafting contracts
- Impact of bad faith drafting and potential legal consequence



Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- attending lectures, taking notes and participating in class exercises
- analyzing and discussing reading materials, cases, audio-visual materials and current contract law issues
- debates and small group discussions
- drafting contracts
- demonstrating comprehension and mastery of course concepts by writing assignments and in-class examinations
- working on assignments and/or group meetings and projects.
- Reviewing and understanding contract terms
- Identifying common misconceptions and pitfalls in key contractual terms

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Midterm, quizzes and tests

Type 1 Value

25

Assessment Type 2

Assignments and role-play assessments (minimum 3)

Type 2 Value

65

Assessment Type 3

Professionalism/Participation

Type 3 Value

10

TOTAL

100

Additional Notes

Individual assessments have a maximum value of 25%.

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Interview

Required Learning Resources

No required textbook. Instructor will provide materials and relevant readings.

Does this course require the use of animals? No

Do library resources in this area need more development?

No



Is this course externally accredited? No

Course Developer(s)

Laila Ali, Anton Kietaihl

Course Reviser(s)

Laila Ali, Anton Kietaihl

Date for Next Review

2030-09-01 Key:

7232

BUSI 3392: CORPORATE LAW

In Workflow

1. Business Chair (jeannette.paschen@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. OPA (opa@kpu.ca)
4. Finance (accounts.receivable@kpu.ca)
5. ORegCurrConsult (oregcurrconsult@kpu.ca)
6. SB Curriculum Committee (ulrich.paschen@kpu.ca)
7. SB Council (landon.kleis@kpu.ca)
8. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
9. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
10. OReg-Courses (Course.Outlines@kpu.ca)
11. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Sat, 08 Mar 2025 23:38:01 GMT

Jeannette Paschen (jeannette.paschen): Approved for Business Chair **New**

Course Proposal

Date Submitted: Sat, 08 Mar 2025 00:34:51 GMT

Viewing: BUSI 3392 : Corporate Law

Last edit: Sat, 08 Mar 2025 00:34:50

GMT

Changes proposed by: Ulrich Paschen (100391038)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:35:26 GMT): Approved at SB CurrCom 10 Mar 2025

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Business

Implementation Date

Fall 2025

Subject Code

BUSI - Business

Course Number 3392

Descriptive Title Corporate

Law

Short Title Corporate

Law

Fee Category 2.a.1? No

KPU

Calendar Description

Students will learn about the different types of business organizations and the basic legal frameworks associated with corporate structures, shareholder agreements, corporate governance, financing, liabilities and ethical considerations.



Suggested Credit Hours

3

Credits

3

Suggested Classroom Hours

3

Total Contact Hours 3

Is this course repeatable for additional credit?

No

Prerequisites BUSI

2390

Schedule Types

Schedule Type

Class

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

1	describe the different types of business organizations.
2	analyze the basic legal frameworks, advantages and disadvantages of corporate structures.
3	discuss and review shareholder agreements and corporate governance.
4	describe the management structure of a corporation.
5	identify and analyze the methods of raising funds for a corporation.
6	discuss the methods of buying, selling and merging businesses.
7	incorporate the concepts of corporate liability, corporate responsibility, and ethical considerations into the corporate law context.
8	highlight the features of not-for-profit corporations.

Content will include, but is not restricted to, the following:

- the methods of carrying in business the regulation of business, and the relationship between legislation and the corporation's constating documents.
- choosing a business name.
- the incorporation process.
- shareholders.
- shareholder agreements.
- characteristics of different classes of shares.
- ownership of a corporation, management of a corporation.
- the role of the board of directors and board committees.
- directors' duties.
- directors' and shareholders' meeting and resolutions.
- the "indoor management rule" and the authority of agents.
- raising capital.
- debt financing.
- purchasing, selling, and merging businesses.
- franchising.
- oppression remedies.
- liability in the corporate dynamic.
- public corporations and securities law.



- corporate liability.
- corporate social responsibility.
- winding up versus the appointment of receiver by a secured creditor or by court order.
- not-for-profit organizations.

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- attending lectures, taking notes and participating in class exercises.
- analyzing and discussing reading materials, cases, audio-visual materials and current corporate law issues.
- debates and small group discussions.
- drafting key corporate law documents.
- demonstrating comprehension and mastery of course concepts by writing assignments and in-class examinations.
- working on assignments and/or group meetings and projects.

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Midterm, quizzes and tests (minimum 2)

Type 1 Value

35

Assessment Type 2

Assignments (minimum 2)

Type 2 Value

35

Assessment Type 3

Final Examination

Type 3 Value

20

Assessment Type 4

Professionalism / Participation

Type 4 Value

10

TOTAL

100

Additional Notes

Individual assessments can have a maximum value of 25%.

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Required Learning Resources

No required textbook. Instructor will provide materials and relevant readings.

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

No

Course Developer(s)

Philip Walters, Anton Kietaihl

Date for Next Review

2030-09-01

Key:

7235

ACCT 3160: FINANCIAL AND MANAGERIAL ACCOUNTING FOR MANAGERS

In Workflow

1. Accounting Chair (Valerie.Warren@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. OPA (opa@kpu.ca)
4. Finance (accounts.receivable@kpu.ca)
5. ORegCurrConsult (oregcurrconsult@kpu.ca)
6. SB Curriculum Committee (ulrich.paschen@kpu.ca)
7. SB Council (landon.kleis@kpu.ca)
8. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
9. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
10. OReg-Courses (Course.Outlines@kpu.ca)
11. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Mon, 03 Mar 2025 20:40:57 GMT
Valerie Warren (Valerie.Warren): Approved for Accounting Chair
2. Tue, 04 Mar 2025 21:45:00 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Tue, 04 Mar 2025 22:03:31 GMT
Norwinda Binuya-Barros (Norwinda.Binuya-Barros): Approved for OPA
4. Wed, 05 Mar 2025 16:13:05 GMT
Ana Silva (Ana.Silva): Approved for Finance
5. Wed, 05 Mar 2025 21:36:02 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

New Course Proposal

Date Submitted: Fri, 10 Jan 2025 00:20:01 GMT

Viewing: ACCT 3160 : Financial and Managerial Accounting for Managers

Last edit: Wed, 05 Mar 2025 21:35:47 GMT

Changes proposed by: Ralph Ferens (100332174)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 06:38:16 GMT): This is a cross-listing of BUSM 5100. The entry in CIM Courses does not reflect that. How can this be clarified?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date

Fall 2025

Subject Code

ACCT - Accounting

Course Number

3160

**Descriptive Title**

Financial and Managerial Accounting for Managers

Short Title

Fin. & Mgr. Acct. for Managers

CIP Code

520301 - Accounting

Fee Category 2.a.1? Yes**Calendar Description**

Students will learn to interpret and analyze financial information for planning, control, and making decisions. They will learn to interpret financial statements and extract information for analysis. Students will explain cost behavior and apply management accounting techniques such as break-even and cost-volume-profit analysis, identifying relevant costs for decision making, budgeting, and activity-based costing. Students will apply these skills through written reports and oral presentations.

Credits

3

Lecture Hours

3,4

Lab Hours

0

Other Hours

0

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions Include**

Undergraduate

Course Learning Outcomes**A student who successfully completes the course will have reliably demonstrated the ability to:**

1	Describe the use of accounting information and measurement challenges inherent in financial reporting
2	Differentiate cash-basis versus accrual-basis accounting
3	Analyze and interpret financial statements: income statement, balance sheet, statement of changes in owner's equity, and cash flow statement
4	Prepare operating cash budgets for the purpose of planning, financial forecasting, and control
5	Calculate and explain financial ratios for analysis and planning purposes
6	Explain cost accounting terminology and cost behaviour in terms of the fixed and variable nature of revenue and expense items



7	Identify relevant items for decision-making such as: add, keep, or drop a business segment, accept or reject a special order, and optimize use of resources
8	Explain the challenges of overhead allocation; perform simple activity-based costing analysis
9	Differentiate between long-term capital and short-term non-capital purchases; appreciate the related accounting and financing issues
10	Incorporate risk analysis into the decision making process
11	Create written documents and deliver oral presentations that communicate complex disciplinary ideas and information effectively for the intended audience and purpose

Content will include, but is not restricted to, the following:

- Overview of similarities and differences between financial and management accounting
- The manager's role in an organization's accounting and financial operations
- The language of accounting and financial reporting
- Financial statement analysis including financial ratios and cash flows
- Cost terminology and cost behaviour
- Contribution margin, break-even and cost-volume profit analysis
- Relevant costs for decision-making
- Cash budgets
- Overhead allocation and activity-based costing
- Time value of money
- Capital budgeting analysis: net present value, internal rate of return, payback period
- Accounting reports: development, formatting and oral presentation techniques

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- Reading assigned material in advance of class discussion
- Completing online and in class quizzes prior to class discussion
- Participating in class discussions and practicing analytical techniques in class
- Completing follow-up exercises in written and online formats
- Analyzing case studies individually and in groups
- Working collaboratively in small groups on case study analysis and presentations
- Writing case study reports and making verbal case study presentations
- Communicating and using critical thinking skills by presenting quantitative and qualitative analysis and making recommendations in written reports and oral presentations
- Making persuasive business presentations individually and in groups

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Group Cases, Projects, Presentations (no one worth more than 20%) **Type**

1 Value

40

Assessment Type 2

Learning Contributions, Quizzes, and/or Exercises

Type 2 Value

20

Assessment Type 3

In-Term Exam

Type 3 Value

20

**Assessment Type 4**

Final Exam

Type 4 Value

20

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

External Evaluation

Required Learning Resources

Custom textbook comprised of chapters from Introductory Financial Accounting, and Introductory Management Accounting will be selected and used in the course for reference purposes.

Does this course require the use of animals?

No

Course Developer(s) Carol

Stewart;

Course Reviser(s)

Terry Tekatch;Sepand Jazzi;

Date for Next Review

2026-09-01 Key:

7202

BUSI 3130: INFORMATION SYSTEMS FOR OPERATIONS AND SUPPLY CHAIN MANAGEMENT

In Workflow

1. Operations & Tech. Management Chair (phaedra.burke1@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. OPA (opa@kpu.ca)
4. Finance (accounts.receivable@kpu.ca)
5. ORegCurrConsult (oregcurrconsult@kpu.ca)
6. SB Curriculum Committee (ulrich.paschen@kpu.ca)
7. SB Council (landon.kleis@kpu.ca)
8. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
9. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
10. OReg-Courses (Course.Outlines@kpu.ca)
11. Banner (Course.Outlines@kpu.ca) **New Course Proposal**

Date Submitted: Tue, 04 Mar 2025 01:53:18 GMT

Viewing: BUSI 3130 : Information Systems for Operations and Supply Chain Management

Last edit: Tue, 04 Mar 2025 01:53:17 GMT

Changes proposed by: Ulrich Paschen (100391038)

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Operations & Tech. Management

Implementation Date

Fall 2025

Subject Code

BUSI - Business

Course Number 3130

Descriptive Title

Information Systems for Operations and Supply Chain Management

Short Title

Ops & Sup Chain Mgt: Info Syst

Fee Category 2.a.1? No

Differential Fee Category?

Tuition Category 2.a.9 (F2A9)

Calendar Description

Students will learn how to identify state-of-the-art developments in information systems and how to adopt advanced information systems to optimize the cost-customer service trade-off, thus safeguarding and enhancing the organization's competitive advantages generated in operations, supply chains and logistics. Students will examine appropriate analysis and implementation tools necessary to match information and communications technologies (i.e., hardware, software, and applications) associated with the sustainable use of equipment, materials, energy, and the workforce on the one hand, with the present and future needs of operations and supply chain management on the other. Students will examine the benefits of current and predicted technologies in areas such as product design, process execution, inventory and quality management, management of supplier and customer relationships, transportation and



warehousing, capacity planning, productivity, and an array of related operations and logistics processes everywhere in the end-to-end supply chain.

Credits
3

Lecture Hours

1.5

Other Hours

1.5

Contact Hours 3

Is this course repeatable for additional credit?

No

Prerequisites OSCM

5100

Schedule Types

Schedule Type

Class

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|---|
| 1 | Assess an organization's competitive position and devise appropriate functional level strategies related to information systems (IS) in operations and SC management that enhance value creation and support the building and maintenance of competitive advantages. |
| 2 | Employ information technology to increase the effectiveness of business process management (BPM). |
| 3 | Employ proper information systems to continually improve the quality and functionality of goods and services. |
| 4 | Apply technology-based approaches to reduce operational costs, optimize processes, expedite the transfer of accurate information, improve productivity, and support the management of relationships with internal and external stakeholders. |
| 5 | Apply information systems and analysis to accurately forecast and plan within complex, dynamic business environments. |
| 6 | Employ information systems imbedded with mathematical models and simulations to increase visibility and to continuously monitor the performance of operations and supply chains. |
| 7 | Create written documents and deliver oral presentations that communicate effectively complex ideas related to information technology in operations, supply chains and logistics. |
| 8 | Work effectively in a group by sharing responsibility for the accomplishment of goals and tasks, listening and building on other group members' ideas, contributing effort, time and suggestions for the good of the group as a whole, providing feedback, and employing group work skills such as persuasion, conflict resolution, and adaptability. |

Content will include, but is not restricted to, the following:

- Information systems and their management in operations and supply chain environment.
- Evolving technologies such as Industry 4.0 and A.I. applications (e.g., Industrial Internet of Things, Smart Processes, Data mining and Data analytics, Additive Manufacturing, Smart Road Technology, Voice Recognition, Machine Learning and applicable emerging and new technologies).
- Management systems and software, e.g., ERP, MRP, DRP, Inventory Management Systems, WMS, TMS, YMS, POS, CRM, SRM, EDI • Efficiency enhancing systems and applications such as: Bar Codes, RFID, GPS, Monitoring, Simulation packages, Robotics, ASRS, Automated sorting and handling, Self-managing inventory systems, Autonomous ground vehicles and drones.



- Productivity and Collaboration systems and software such as: Cloud applications and storage, Audio-visual and Mobile technologies, Spreadsheet modelling, Digital signature, CPFR, Blockchain applications, Virtual/augmented reality, Security and risk.
- IS applications related to supply chain visibility, supply chain analytics, and performance monitoring in operations, supply chains and logistics management.
- IS and Sustainability in operations, supply chains and logistics.

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- Attending lectures
- Working on in-class assignments
- Completing individual and/or group projects
- Participating in group discussions
- Researching and reporting on current relevant topics
- Performing hands-on activities and exercises with select information systems applications
- Writing exams and carrying out practical assignments
- Participating in a group project to analyze and make recommendations regarding the use of IS in the operations and supply chain management of a real-world or simulated organization, identifying the current state, defining the problem statement, examining applicable IS alternatives, and generating realistic recommendations for the adoption of information & communications technologies and/or the adjustment of processes and procedures to the capabilities of the latest technologies available

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Practical Assignments (Minimum 5)

Type 1 Value

25

Assessment Type 2

Midterm Exam

Type 2 Value

15

Assessment Type 3

Group Project

Type 3 Value

25

Assessment Type 4

Final Exam

Type 4 Value

25

Assessment Type 5

Class participation and active learning contribution

Type 5 Value

10

TOTAL

100

**Additional Notes**

Learning contribution assessment may include individual/small group class/online discussions and exercises in accordance with rubric provided to students by the instructor.

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam
 Demonstration
 External Evaluation
 Interview
 Product/Portfolio

Required Learning Resources

Open textbooks, and/or readings, audio & video resources, software applications and other learning materials as selected by the instructor.

Does this course require the use of animals?

No

Course Developer(s)

Marcelo Machado;

Course Reviser(s)

Merwise Khalwati;Marcelo Machado;Vasile Zamfirescu;

Date for Next Review

2025-09-01 Key:

7229

OSCM 5140: SUPPLY CHAIN & LOGISTICS MANAGEMENT

In Workflow

1. Operations & Tech. Management Chair (phaedra.burke1@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. OReg-Courses (Course.Outlines@kpu.ca)
7. Banner (Course.Outlines@kpu.ca)

History

1. Oct 6, 2023 by Ashley Allison (ashley.allison)

Date Submitted: Tue, 04 Mar 2025 01:52:30 GMT

Viewing: OSCM 5140 : Supply Chain & Logistics Management

Also listed as: BUSI 3140

Last approved: Fri, 06 Oct 2023 17:18:01

GMT Last edit: Tue, 04 Mar 2025 01:52:29

GMT

Changes proposed by: Ulrich Paschen (100391038)

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Operations & Tech. Management

Implementation Date

Fall 2025

Subject Code

OSCM - Operations & Supply Chain Mgmt

Course Number

5140

Descriptive Title

Supply Chain & Logistics Management

Short Title

Supply Chain & Logistics Mgt.

Fee Category 2.a.1?

No

Differential Fee Category?

Tuition Category 2.a.9 (F2A9)

Calendar Description

Students will study the principles of Supply Chain Management, organizational function with a decisive impact in the success of the operations of all organizations, their partners, and the end customer of the goods and services that they provide. Students will learn how to design and implement supply chain and logistics networks, and how to set and monitor relevant and meaningful metrics leading to competitiveness enhancement. Students will examine in depth the evolving concepts and tools of customer service management, transportation, warehousing, reverse flows, humanitarian logistics, sustainability, and the roles of external forces such as technology, globalization, government regulations, and the growing power of informed customers. Students will apply their knowledge and skills to audit, design, or manage real or simulated supply chain and logistics activities.

Credits

3

Lecture Hours

3,4

Contact Hours

3,4

Is this course repeatable for additional credit?

No

**Cross-listed Courses**

BUSI 3140

Department

Business

Faculty

Business

Corequisites

OSCM 5100

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions**

Include Undergraduate

Include Post-Baccalaureate Diploma Degree

Exclude Operations & Supply Chain Mgt All Field of Study Types

Exclude Technical Mgt & Services All Field of Study Types

Course Learning Outcomes**A student who successfully completes the course will have reliably demonstrated the ability to:**

- | | |
|---|--|
| 1 | Identify the supply chain components of existing organizations, whether the scope is local or global |
| 2 | Distinguish between the decisions and managerial actions relevant to supply chain management and those pertaining to the various building blocks of complex supply chains: logistics management, supplier relationship management and customer relationship management |
| 3 | Contextualize the challenges of integrating supply chain management with operations management and, respectively, with the distribution and marketing management in manufacturing as well as in service organizations |
| 4 | Define, for planning purposes, the desired characteristics of new, complete supply chain and logistics management systems, whether in private or public organizations, and match them with meaningful performance metrics |
| 5 | Apply the knowledge acquired to examine, modify, and improve existing supply chain networks and use specific concepts and tools to develop proposals for large supply chain networks and relevant logistics infrastructures |
| 6 | Develop models for the evaluation of alternatives and draw conclusions regarding the most appropriate logistics-related decisions with respect to warehousing, transportation, inventory management, and communications systems |
| 7 | Set up criteria for the ranking of procurement choices and select suppliers suitable to specific geographic and business-model contexts |



8	Combine supply chain management knowledge and logistics management experience to develop responsive, efficient reverse flow designs
9	Create indicators for cost, timeliness, quality, customer service and effectiveness of supply chain networks and their supporting logistics, and set up monitoring and benchmarking procedures
10	Adapt the principles of commercial supply chains and logistics to the design, implementation, and evaluation of humanitarian logistics endeavours
11	Recommend solutions that recognize goals of financial performance while entrenching principles of sustainability

Content will include, but is not restricted to, the following:

- Supply Chain Management, role, and global dimensions
- Logistics, mission and concepts
- An operations management summary on producing goods and services
- Demand management
- Order management, Customer service management
- Supplier relationship management
- Procurement
- Inventory management and Aggregate Planning in the context of the end-to-end supply chain
- Distribution and Fulfillment
- Reverse flows
- Transportation
- Warehousing and Material handling
- Collaboration: integrating and aligning supply chains
- Supply chain technology: operations and information flows
- Humanitarian logistics
- Network design, costing, third party logistics (3PL)
- Performance measurement in Supply Chain Management
- Risk and sustainability in Supply Chain Management
- Special topics: Incoterms, International payments, International contracts

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Reading assigned material in advance of class meetings

Attending lectures and taking notes

Working individually or collectively on assignments, in and out of class and/or online - synchronously and/or asynchronously

Participating in class discussions

Performing internet and library research

Working collaboratively in small groups on applied assignments and simulations and completing group deliverables such as reports and oral presentations

Practicing responsibility sharing for the accomplishment of goals and tasks, listening to and building on other group members' suggestions, contributing effort, time, and ideas for the good of the group as a whole, providing feedback, and employing group work skills such as persuasion, conflict resolution, and adaptability

Developing qualitative, quantitative, and graphical analyses related to supply chain and logistics management using word processing, spreadsheet, and diagramming applications, and communicating results by submitting meaningful recommendations of performance metrics improvement in written reports and oral presentations

Completing a comprehensive, term-long, group work activity that may consist of auditing or designing the supply chain and logistics activities of a local organization, designing the supply chain and applicable logistics systems for real products within sets of circumstances created by the instructor, or completing a supply chain and logistics simulation

Studying for and writing exams



Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Continual Individual Assessments

Type 1 Value

30

Assessment Type 2

Midterm Exam (individual assessment)

Type 2 Value

20

Assessment Type 3

Learning Contribution (individual assessment)

Type 3 Value

10

Assessment Type 4

Group Work (group assessment)

Type 4 Value

20

Assessment Type 5

Final Examination (individual assessment)

Type 5 Value

20

TOTAL

100

Additional Notes

Instructors have the discretion of altering the values of the assessments by plus/minus 5 percentage points providing that they sum up to 100%.

To the extent possible, tests and assignments will be of an applied nature and individualized.

Continual Individual Assessments: Papers, Short Cases, Home Assignments and/or Quizzes (no one assessment to exceed 10%). These tests will evaluate the degree to which students have acquired the theoretical knowledge and the skills to apply it in relatively simple situations commonly encountered in the management of supply chains and logistics.

Midterm Exam: it may be administered in class, on-line, or in the form of a case analysis - including as a take-home assignment. The Midterm Exam will evaluate the degree to which students have acquired theoretical knowledge associated with several learning objectives.

Learning Contribution: the mark for Learning Contribution must be earned by students and is based solely on active participation to class activities and contribution and elaboration in discussion. This assessment measures frequency, academic value and applied quality of contributions to class discussions. The class participants may be present in class (when the course is delivered in a classroom) or could be synchronously or asynchronously linked online with the other class participants and the instructor (especially, but not limited to, for the remote deliveries of the course).

Group Work: This mark assesses the relevance, correctness, depth and originality of applying the concepts learned in the course to the audit of real supply chain & logistic management activities or to the design and management of supply chain and applicable



logistics systems for a real product within a set of circumstances set up by the instructor or simulated by a dedicated software application.

Final Exam: The specific conditions of administering this exam are within the instructor's prerogatives. The examination may include the group and individual defence of the group work in front of the instructor (or panel) and/or oral or written answers to questions, case-based or otherwise, designed to generate a thorough evaluation of the degree to which students have acquired the knowledge and skills anticipated in the learning outcomes of the course. The use of case analysis is encouraged for this exam, but not mandatory. This assessment requires a Final Exam slot of 3 hours to be scheduled during the final exam period.

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

External Evaluation

Interview

Worksite Assessment

Required Learning Resources

Textbooks may include Bowersox, Donald, J., et al, Supply Chain Logistics Management, latest edition, McGraw-Hill Education, or Wisner, Joel, D., et al, Principles of Supply Chain Management - A Balanced Approach, or Coyle, John, J., et al, Supply Chain Management - A Logistics Perspective, Cengage Learning - latest editions.

Most available textbooks in the field of supply chain and logistics management cover the Content topics of this course only partially. It is recommended that instructors provide materials curated by themselves from public, CC, and Fair Dealing sources to address all Content subjects required, thus getting this course to qualify as ZTC.

1 or 2 Cases as selected by the instructor.

Simulation software application, if used by the instructor, such as SCM Globe - <https://www.scmglobe.com/>, or AnyLogistix - <https://www.anylogistix.com/>.

Readings as assigned by the instructor.

Students will need access to a computer with keyboard, mouse, camera, speakers and microphone, and operating systems and applications compatible with the KPU computer systems and platforms. Students will need a basic business calculator.

Does this course require the use of animals?

No

Course Developer(s)

Vasile Zamfirescu;

Course Reviser(s)

Vasile Zamfirescu;

Date for Next Review

2025-09-01 Key:

5297

BUSM 5120: PROJECT MANAGEMENT

In Workflow

1. Operations & Tech. Management Chair (phaedra.burke1@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. OReg-Courses (Course.Outlines@kpu.ca)
7. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Mon, 03 Mar 2025 22:10:04 GMT
Phaedra Burke (phaedra.burke1): Approved for Operations & Tech. Management Chair
2. Fri, 07 Mar 2025 22:12:25 GMT
Krista Gerlich-Fitzgerald (krista.gerlichfitzgerald): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:17:34 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

History

1. Sep 24, 2022 by Meredith Laird (meredith.laird)
2. Mar 7, 2023 by Judy Benevides (Judy.Benevides)

Date Submitted: Mon, 03 Mar 2025 08:58:24 GMT

Viewing: BUSM 5120 : Project Management

Also listed as: BUSI 3150

Last approved: Tue, 07 Mar 2023 03:01:39

GMT Last edit: Mon, 03 Mar 2025 08:58:23

GMT

Changes proposed by: Ulrich Paschen (100391038)

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Operations & Tech. Management

Implementation Date

Fall
2025

Subject Code

BUSM - Business Management

Course Number

5120

Descriptive Title

Project Management



Short Title Project
Management

Fee Category 2.a.1?

No

Differential Fee Category?

Tuition Category 2.a.9 (F2A9)

Calendar Description

Students will learn the fundamentals of traditional and agile project management concepts, tools and techniques through which projects are selected, planned, executed, monitored, and controlled, and brought to a close. They will explore and practice competencies in all project management areas.

Credits

3

Lecture Hours

3,4

Lab Hours

0

Other Hours

0

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Cross-listed Courses

BUSI 3150

Department

Business

Faculty

Business

Optional Calendar Description Note

This course may be offered in compressed mode. Consult the current timetable.

Schedule Types

Schedule Type

Class

Class

Class

Exam

Course Attributes

Course Registration Restrictions

Include Undergraduate

Include Post-Baccalaureate Diploma Degree



Include Operations & Supply Chain Mgt All Field of Study Types

Include Technical Mgt & Services All Field of Study Types

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Apply project management processes and knowledge areas covered by the Project Management Institute's Body of Knowledge (PMBOK)
2	Apply the project management knowledge areas, concepts, tools and techniques to initiate, plan, execute, control, and close projects
3	Interpret the fundamentals of traditional and agile project management principles
4	Apply traditional or agile project management techniques depending on project's needs
5	Identify the project stakeholders and manage their expectations
6	Contrast inherent trade-offs between project elements
7	Develop solutions to project management issues leading to successful project management outcomes
8	Define the specialized project management skills and the role of the project manager
9	Utilize specified project management software to efficiently manage projects
10	Use Earned Value Management to evaluate project performance

Content will include, but is not restricted to, the following:

Project Management Foundation

- Success Factors in Projects
- Organizational Structures
- Project Phases, Life Cycles and Process Groups

Working with Project Management Software

- Using software to track and manage projects

Ethical and social responsibilities considerations

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Analyzing and presenting case studies individually, and in small and large group settings

Developing a comprehensive project plan

Presenting project plans and management decisions

Writing quizzes and exams

Participating in class discussions and activities

Making formal and informal, persuasive business presentations individually and in groups

Researching and reporting on current topics in project management

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Individual Assignments (minimum of 2)

Type 1 Value

20

Assessment Type 2



Learning Contribution*

Type 2 Value

10

Assessment Type 3

Mid-term Exam

Type 3 Value

20

Assessment Type 4

Group Term Project

Type 4 Value

20

Assessment Type 5

Final Exam

Type 5 Value

30

TOTAL

100

Additional Notes

*Learning contributions will be based on activities and discussion done in class and may include, but are not restricted to, the following: Active listening, oral contribution and elaboration in discussion/debate, course related volunteer opportunities, peer critique, leadership activities, mentorship, scribing for others, etc.

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

CE

DEM

INT

PP

Required Learning Resources

A textbook such as any of the below:

PMBOK Guide. A Guide to the Project Management Body of Knowledge. Latest Edition. PMI. Jeffery

K. Pinto. Project Management: Achievement Competitive Advantage. Latest Edition. Pearson Larson,

E. & Gray, C. Project Management: The Managerial Process. Latest Edition.

Other resources may be assigned the instructor

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

No

Course Developer(s)

Richard P. Wong



Course Reviser(s)

Hamid Mahmoudi and Richard P. Wong

Date for Next Review

2028-02-06



Key: 972



GRMT 6100: SUSTAINABILITY AND BUSINESS ADMINISTRATION

In Workflow

1. Business Graduate Programs Chair (tara.immell@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. OReg-Courses (Course.Outlines@kpu.ca)
7. Banner (Course.Outlines@kpu.ca)

History

1. Sep 27, 2022 by Meredith Laird (meredith.laird)
2. Jul 5, 2023 by Ashley Allison (ashley.allison)
3. Apr 30, 2024 by Tara Immell (tara.immell)
4. May 8, 2024 by Ashley Allison (ashley.allison)
5. May 24, 2024 by Ashley Allison (ashley.allison)

Date Submitted: Wed, 05 Mar 2025 19:52:01 GMT

Viewing: GRMT 6100 : Sustainability and Business Administration

Also listed as: BUSI 3200

Last approved: Fri, 24 May 2024 17:03:21

GMT Last edit: Wed, 05 Mar 2025 19:51:59

GMT

Changes proposed by: Ulrich Paschen (100391038)

Academic Level

Graduate (GR)

Faculty

Business

Department

Business Graduate Programs

Implementation Date

Fall 2025

Subject Code

GRMT - Green Business Management

Course Number

6100

Descriptive Title

Sustainability and Business Administration

Short Title

Sustainability & Busi Admin

Fee Category 2.a.1?

No

Differential Fee Category?

Tuition Category 2.e.1 (F2E1)

Tuition Category 8.c.1 (F8C1)

Calendar Description

Students will learn how to integrate, evaluate, report sustainability in organizations. Students will learn specific reporting techniques on sustainability, including but not limited to the Global Reporting Initiative (GRI) and Principles of ISO 14001. This course is also heavy on Corporate Social Responsibility (CSR) policy and programs as they relate to governance and sustainability.

Credits

3

Lecture Hours

3

Contact Hours

3

Is this course repeatable for additional credit?

No

Cross-listed Courses

BUSI 3200

Department

Business

Faculty

Business

Corequisites

BUSM 6100

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions Include

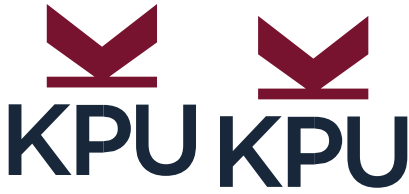
Graduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Integrate, evaluate and report sustainability in organizations
2	Understand and evaluate the interdependence of corporations, society, and the environment
3	Apply specific sustainability reporting techniques (e.g. ISO 14001 series, Global Reporting Initiative, etc.)
4	Use the tools and analysis models discussed in class to both evaluate current positions and propose strategic integration of organizational sustainability
5	Positively and proactively work with others in small group activities and class project
6	Develop oral and written communication skills in the context of sustainable business management, both from an academic and industry point of view

Content will include, but is not restricted to, the following:

- The history, relevance, and modern-day practice of context-based sustainability (CBS)
- Key issues and practice implications of context-based sustainability
- The business case for sustainability
- Corporate sustainability management (CSM) introduction and model



- Stakeholder engagement
- Verbal & non-verbal communication
- Trends in CSMSustainability as an integral part of creating competitive advantage in organizations
- Sustainability initiatives within organizations
- Baseline, data gathering, sustainability forecasting, and CSR sustainability initiatives reporting
- Specific Sustainability reporting techniques
- Corporate strategy and sustainability
- Sustainability and working in teams

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Practice verbal and non-verbal communication

Writing for both an academic and industry audience

Working in groups on a project

Conducting library and online research

Attending lectures and taking notes

Studying for exams

Participating in classroom discussions

Applying and practicing the case method

Training on reporting initiatives

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Class Assignments

Type 1 Value

35

Assessment Type 2

*Learning Contribution

Type 2 Value

10

Assessment Type 3

Mid-Term Exam

Type 3 Value

15

Assessment Type 4

Reporting Technique Assignment

Type 4 Value

15

Assessment Type 5

Sustainability/CSR Project

Type 5 Value

20

Assessment Type 6

Group Presentation

Type 6 Value

5

TOTAL

100

Additional Notes

Class Assignments - no single assignment should be worth more than 15%

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Interview

Product/Portfolio

Self-Assessment

Required Learning Resources

N/A

Recommended Learning Resources

McElroy, M and J.M.L. van Engelen. (2011). Corporate Sustainability Management: The Art and Science of Managing Non-financial Performance. New York: Routledge. Or a resource similar in content

Case studies should be pulled from Ivey or ESCO business databases or consult with KPU Business Librarian.

HAHN, T., PREUSS, L., PINKSE, J., & FIGGE, F. (2014). COGNITIVE FRAMES IN CORPORATE SUSTAINABILITY: MANAGERIAL SENSEMAKING WITH PARADOXICAL AND BUSINESS CASE FRAMES. *Academy Of Management Review*, 39(4), 463-487. doi:10.5465/amr.2012.0341

Martínez León, H. C., & Calvo-Amodio, J. (2017). Towards lean for sustainability: Understanding the interrelationships between lean and sustainability from a systems thinking perspective. *Journal Of Cleaner Production*, 1424384-4402. doi:10.1016/j.jclepro.2016.11.132

Taj, S., George, B., Nath, P., & Adenrele, A. (2016). Sustainability and Business Model Innovation at the Bottom of the Pyramid: A Graduate Business Project. *Business Education Innovation Journal*, 8(2), 13-20.

Leonidou, L., Christodoulides, P., Kyrgidou, L., & Paliawadana, D. (2017). Internal Drivers and Performance Consequences of Small Firm Green Business Strategy: The Moderating Role of External Forces. *Journal Of Business Ethics*, 140(3), 585-606. doi:10.1007/s10551-015-2670-9

Does this course require the use of animals?

No

Course Developer(s)

Luis Fernando Villalba;

Course Reviser(s)

Phaedra Burke;Tara Immell;

Date for Next Review

2027-09-01 Key:

3212

GRMT 6110: GREEN MARKETING MANAGEMENT

In Workflow

1. ORegCurrConsult (oregcurrconsult@kpu.ca)
2. SB Curriculum Committee (ulrich.paschen@kpu.ca)
3. SB Council (london.kleis@kpu.ca)
4. SB Dean (Heather.Harrison@kpu.ca)
5. OReg-Courses (Course.Outlines@kpu.ca)
6. Banner (Course.Outlines@kpu.ca)

History

1. Sep 27, 2022 by Meredith Laird (meredith.laird)
2. Jul 5, 2023 by Ashley Allison (ashley.allison)
3. Apr 30, 2024 by Tara Immell (tara.immell)
4. May 8, 2024 by Jennifer O'Brien (Jennifer.O'Brien)
5. May 24, 2024 by Ashley Allison (ashley.allison)

Date Submitted: Wed, 05 Mar 2025 19:51:22 GMT

Viewing: GRMT 6110 : Green Marketing Management

Also listed as: BUSI 3210

Last approved: Fri, 24 May 2024 17:03:23

GMT Last edit: Wed, 05 Mar 2025 19:51:21

GMT

Changes proposed by: Ulrich Paschen (100391038)

Academic Level

Graduate (GR)

Faculty

Business

Department

Faculty of Business

Implementation Date

Fall 2025

Subject Code

GRMT - Green Business Management

Course Number

6110

Descriptive Title

Green Marketing Management

Short Title

Green Marketing Management

Fee Category 2.a.1?

No

Differential Fee Category?

Tuition Category 2.e.1 (F2E1)



Tuition Category 8.c.1 (F8C1)

Calendar Description

This course will prepare professionals in understanding and applying green marketing concepts in organizations. Green marketing is marketing products and services based on environmental factors or awareness. Companies involved in green marketing make decisions relating to the entire process of companies' products, from design, methods of processing, packaging and distribution. This course will also help identify global business opportunities. The conceptual opportunities in this course can be applied on the Green Marketing Plan, in Green Project Management course or even the Capstone course.

Credits

3

Lecture Hours

3,6

Contact Hours

3,6

Is this course repeatable for additional credit?

No

Cross-listed Courses

BUSI 3210

Department

Business

Faculty

Business

Corequisites

All of (a) BUSM 6100 and (b) IBUS 6100 or GRMT 6100

Schedule Types

Schedule Type
Class

Schedule Types

Schedule Type	Delivery Model	Class Size	Workload
Class		35	1
Exam			

Course Attributes

Course Registration Restrictions

Include Graduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Explain and apply sustainable marketing concepts
2	Examine the ethical implications of sustainable marketing strategies
3	Identify and apply measures of sustainability in Green Marketing
4	Examine green marketing trends and their implications in evolving markets



5	Identify and recommend global issues and opportunities for Green Marketing
6	Define green certifications and labelling in relation to sustainability marketing
7	Recommend strategies to create value through the use of Green Marketing
8	Compare the competitive advantages and risks of Green Marketing
9	Develop a Green Marketing plan by applying sustainable marketing concepts
10	Evaluate the affects of strategic alliances and partnerships to achieve organizational sustainability goals

Content will include, but is not restricted to, the following:

- Introduction and foundation of general marketing and applied case analysis
- Introduction, foundation, and history of sustainability marketing
- Trends in Green Marketing
- Framework of sustainable marketing
- Green Marketing concepts
- Ethical factors of Green Marketing
- Consumer behaviour evolution in regards to sustainability
- Global problems and opportunities
- Green Marketing strategies
- Value creation through Green Marketing
- Green marketing plan
- Sustainability & environmental certifications and labeling

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Working in groups on a Green Marketing plan

Presenting the marketing plan as a group

Conducting library and online research

Attending lectures and taking notes

Studying for exams

Participating in classroom discussions

Working on cases and assignments individual and in groups

Practicing team skills and professionalism

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Class Assignments

Type 1 Value

15

Assessment Type 2

Participation

Type 2 Value

10

Assessment Type 3

Case Studies

Type 3 Value



30

Assessment Type 4

Marketing Plan (Group)

Type 4 Value

20

Assessment Type 5

Marketing Plan Presentation (Group)

Type 5 Value

5

Assessment Type 6

Final Exam

Type 6 Value

20

TOTAL

100

Additional Notes

Class Assignments - each assignment should not be worth more than 5%. Case

Studies - each case study should not be worth more than 10%.

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Interview

Product/Portfolio

Self-Assessment

Required Learning Resources

Belz, Frank-Martin and Peattie, Ken, Sustainability Marketing, Second Edition, John Wiley & Sons, Ltd; 2012. Dauvergne, Peter & Lister, Jane, Eco-Business: A Big Brand Takeover of Sustainability, MIT Press, 2015.

Or a resource similar in content.

Cases should be used from the Ivey or ESCO business database or another database recommended by the Business Librarian.

Recommended Learning Resources

Minton, E., Lee, C., Orth, U., Kim, C., & Kahle, L. (2012). SUSTAINABLE MARKETING AND SOCIAL MEDIA. Journal Of Advertising, 41(4), 69-84. doi:10.2753/JOA0091-3367410405

Brindley, C., & Oxborrow, L. (2014). Aligning the sustainable supply chain to green marketing needs: A case study. Industrial Marketing Management, 43(1), 45-55. doi:10.1016/j.indmarman.2013.08.003

Kearney, M. (2014). The new rules of green marketing: strategies, tools, and inspiration for sustainable branding. Journal Of Marketing Management, 30(13-14), 1520-1521. doi:10.1080/0267257X.2014.946258

RDULESCU, C. V., IOAN, I., & N?STASE, M. (2016). Premises of the Green Business Strategies. Review Of International Comparative Management / Revista De Management Comparativo International, 17(2), 108-113.

Does this course require the use of animals?



No

Course Developer(s)

Luis Fernando Villalba;

Course Reviser(s)

Mike Ford;



Date for Next Review

2023-09-01 Key:

3213



GRMT 6140: SUSTAINABLE OPERATIONS

KPU

In Workflow

1. ORegCurrConsult (oregcurrconsult@kpu.ca)
2. SB Curriculum Committee (ulrich.paschen@kpu.ca)
3. SB Council (london.kleis@kpu.ca)
4. SB Dean (Heather.Harrison@kpu.ca)
5. OReg-Courses (Course.Outlines@kpu.ca)
6. Banner (Course.Outlines@kpu.ca)

History

1. Sep 27, 2022 by Meredith Laird (meredith.laird)
2. Jul 5, 2023 by Ashley Allison (ashley.allison)
3. Apr 30, 2024 by Tara Immell (tara.immell)
4. May 8, 2024 by Jennifer O'Brien (Jennifer.O'Brien)
5. May 24, 2024 by Ashley Allison (ashley.allison) Date Submitted: Wed, 05 Mar 2025 19:52:51 GMT

Viewing: GRMT 6140 : Sustainable Operations

Also listed as: BUSI 3240

Last approved: Fri, 24 May 2024 17:03:31

GMT Last edit: Wed, 05 Mar 2025 19:52:49

GMT

Changes proposed by: Ulrich Paschen (100391038)

Academic Level

Graduate (GR)

Faculty

Business

Department

Faculty of Business

Implementation Date

Fall
2025

Subject Code

GRMT - Green Business Management

Course Number

6140

Descriptive Title

Sustainable Operations

Short Title

Sustainable Operations

Fee Category 2.a.1?

No

Differential Fee Category?

Tuition Category 2.e.1 (F2E1)

Tuition Category 8.c.1 (F8C1)

Calendar Description

This course develops students' ability to define and analyze sustainable business practices within the value chain of the product or service in order to develop and integrate sustainable practices at each step of the value chain. Students will learn how to measure and account for sustainability initiatives as a means of creating value at the operations management level within an organization. Students will be challenged to consider the sustainability challenges from the different stakeholder perspectives and priorities in developing and

implementing sustainable operational practices and initiatives. Students will analyze graduate level papers on a variety of current research.

Credits

3

Lecture Hours

3,6

Contact Hours

3,6

Is this course repeatable for additional credit?

No

Cross-listed Courses

BUSI 3240

Department

Business

Faculty

Business

Corequisites

All of (a) BUSM 6100 and (b) IBUS 6100 or GRMT 6100

Schedule Types**Schedule Type**

Class

Schedule Types

Schedule Type	Delivery Model	Class Size	Workload
Class		35	1

Exam

Course Attributes**Course Registration Restrictions**

Include Graduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

1	Understand key principles in operations management
2	Critically evaluate how technical organizations manage product life-cycle, production, process management and the supply chain to enhance sustainability
3	Design and implement appropriate operations management models and initiatives for sustainable operations: services, manufacturing, supply chain and logistics, quality management and continuous improvement
4	Analyze sustainable or "green" processes and use measurement and data to solve typical problems in operations while addressing risk, quality control, reporting, and innovation



5 Apply appropriate statistical methods and other analytical approaches to sustainability issues related to technical, production and technical service organizations

6	Use research and other data to recommend improvements to products, services and/or processes, metrics and performance
7	Contrast various stakeholder priorities and requirements when developing operational sustainability initiative
8	Devise strategies for overcoming resistance to change in implementing sustainable practices in production and technical service organizations
9	Report and communicate effectively on sustainable practices and continuous improvement initiatives in managerial settings

Content will include, but is not restricted to, the following:

- Coverage of key operations management principles and issues
- Selection of operations management models
- Overview of the value chain model: origins, evolution, globalization
- Value chain and product life cycle analysis
- What sustainability stands for and the underlying drivers of sustainability from the various stakeholder perspectives
- Stakeholder motives for caring about sustainability and the role an organization's operations may play
- Integrating business processes for sustainability through leadership (vision, performance management) to ensure that effective, principled decisions are made
- Collecting data from sources so as to compare an organization's sustainability performance against industry benchmarks
- Role of sustainability in integrated supply chain and logistics management
- Systems approach to sustainable operations
- Sustainable manufacturing– lean and green principles and strategies
- Quality control strategies; operational metrics and green accounting
- Sustainable energy management
- Waste Management and recycling
- Sustainability alignment to strategy, change and organizational management

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Review case; write papers

Complete projects

Analyze, write and present case studies individually, in small and large group settings

Participate actively in class discussions and simulations

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Sustainable operations Assessment project (group)

Type 1 Value

25

Assessment Type 2

Case Analysis Assignments (group and/or individual)

Type 2 Value

30

Assessment Type 3

Sustainable operations practice research assignment (individual)

Type 3 Value

20

Assessment Type 4

Presenting papers, projects and reports to a group

Type 4 Value

15

Assessment Type 5

Individual active learning and participation in all class activities

Type 5 Value

10

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Interview

Product/Portfolio

Required Learning Resources

Khan, Mehmood; Hussain, Matleib; Ajmal, Miam. IGI Global, Hershey, PA 17033, 2017. Green Supply Chain Management for Sustainable Business Practice

Payman, Ahi and Searcy, Cory. An Analysis of Metrics Used to Measure Performance in Green and Sustainable Supply Chains. Journal of Cleaner Production. Jan 2015, Vol. 86, p. 360-377. 18p.

A Generic Planning Approach for Sustainable Supply Chain Management, How to Integrate Concepts and Methods to Address the Issues of Sustainability? Stindt, Dennis, Journal of Cleaner Production, Jun 2017. Vol. 153. pp. 146-163.

Bhattacharya, Arijit; Dey, Prasanto Kumar; Ho, William. Green Manufacturing Supply Chain Design and Operations Decisions Support. International Journal of Production Research. Nov. 2015, Vol 53, Issue 1, p. 6336-6343.

BR, Raghu, Kumar; Agarwal, Ashishi; Sharma, Milind Kumar. Lean management, A Step Towards sustainable Green Supply Chain. Competitiveness Review, 2016. Vol. 26, Issue 3, p. 311-331.

Singh, Amol; Trivedi, Ashish. Sustainable Green Supply Chain Management, Trends and Current Practices. Competitiveness Review, 2016. Vol. 26 Issue 3, p. 265-288.

Does this course require the use of animals?

No

Course Developer(s)

Brad Anderson;Carlos Calao;Duane Radcliffe;Luis Fernando Villalba;

Date for Next Review

2023-09-01 Key:

3216

: MINOR IN ENTREPRENEURIAL LEADERSHIP

In Workflow

1. SB Dean (Heather.Harrison@kpu.ca)
2. Provost (meredith.laird@kpu.ca)
3. Brad Anderson (Brad.Anderson@kpu.ca)
4. SB Dean (Heather.Harrison@kpu.ca)
5. Provost (meredith.laird@kpu.ca)
6. Brad Anderson (Brad.Anderson@kpu.ca)
7. OPA Programs (Lori.McElroy@kpu.ca; meredith.haaf@kpu.ca)
8. Provost (meredith.laird@kpu.ca)
9. Brad Anderson (Brad.Anderson@kpu.ca)
10. Consultations (oprocurriculum@kpu.ca)
11. ORegCurrConsult (oregcurrconsult@kpu.ca)
12. SB Academic Planning and Priorities Committee (SB Academic Planning and Priorities Committee@kpu.ca)
13. SB Council (london.kleis@kpu.ca)
14. Senate Standing Committee on Academic Planning and Priorities (Catherine.Schwichtenberg@kpu.ca)
15. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
16. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
17. Board Governance Committee (lily.chong@kpu.ca; sonia.banwait1@kpu.ca; boardofgovernors@kpu.ca)
18. Board Finance Committee (lily.chong@kpu.ca; sonia.banwait1@kpu.ca; boardofgovernors@kpu.ca)
19. Board (lily.chong@kpu.ca; sonia.banwait1@kpu.ca; boardofgovernors@kpu.ca)
20. Provost (meredith.laird@kpu.ca)
21. Ministry (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
22. DQAB-PSIPS (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
23. Ministry (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
24. Finance Programs (deepali.ahuja@kpu.ca; carole.laplante@kpu.ca; debb.moffatt@kpu.ca)
25. Consultations (oprocurriculum@kpu.ca)
26. ORegCurrConsult (oregcurrconsult@kpu.ca)
27. SB Academic Planning and Priorities Committee (SB Academic Planning and Priorities Committee@kpu.ca)
28. SB Curriculum Committee (ulrich.paschen@kpu.ca)
29. SB Council (london.kleis@kpu.ca)
30. Graduate Studies Council (David.Burns@kpu.ca)
31. Senate Standing Committee on University Budget (carley.hodgkinson@kpu.ca)
32. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
33. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
34. Board Governance Committee (lily.chong@kpu.ca; sonia.banwait1@kpu.ca; boardofgovernors@kpu.ca)
35. Board Finance Committee (lily.chong@kpu.ca; sonia.banwait1@kpu.ca; boardofgovernors@kpu.ca)
36. Board (lily.chong@kpu.ca; sonia.banwait1@kpu.ca; boardofgovernors@kpu.ca)
37. Provost (meredith.laird@kpu.ca)
38. Ministry (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
39. DQAB-PSIPS (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
40. Ministry (oprocurriculum@kpu.ca; josephine.chan@kpu.ca)
41. Calendar Editor (calendar.editor@kpu.ca)

Approval Path

1. Sat, 08 Mar 2025 03:59:12 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean

New Program Proposal

Date Submitted: Fri, 07 Mar 2025 21:03:02 GMT

Viewing: : Minor in Entrepreneurial Leadership



Last edit: Fri, 07 Mar 2025 21:03:01 GMT

Changes proposed by: Brad Anderson

Reviewer comments

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:33:50 GMT): Passed at SB CurrCom 10 Mar 2025 **Overview**

Program proposal contact(s)

Brad Anderson (lead), Andrea Niosi, Duane Radcliffe

Calendar year edition

2025-2026

Program Learning Outcomes

A student who successfully completes the program will have reliably demonstrated the ability to:	
1	CREATE OPPORTUNITIES Graduates will demonstrate a keen ability to identify and create growth and improvement opportunities in business and organizational environments and develop plans to turn those opportunities into reality. To that end, graduates will demonstrate an ability to create action plans to be deployed to launch a business or idea within in dynamic and complex environments to effectively capture opportunities
2	MOBILIZE RESOURCES Graduates will exhibit the ability to marshal the resources needed to enact their entrepreneurial plans and achieve their goals. To that end, graduates will demonstrate an ability to create compelling arguments based on stakeholders' interests to persuade individuals and groups to contribute to efforts to achieve goals
3	GROW Graduates will demonstrate the ability to create value and adapt to changing circumstances. To this end, graduates will demonstrate an ability to use business and management skills to direct activities in dynamic and complex environments to add value to a broad array of stakeholders

The following information will help determine whether there is a budgetary impact to the proposed program changes, and what additional information and consultation will be required. Please note that all additional budgetary requests in support of the proposed program change require approval from the Dean and the Provost, and additional financial documents may be required.

The information supplied is for administrative purposes only and will not be visible to reviewers in the academic governance process (e.g., Faculty and Senate committee members).

Change in space requirements? No

Change in equipment requirements? No

Change in support requirements?

No

Consultation requests

Academic Advising
Office of the Registrar

Abstract

Degree or non-degree program

Non-Degree

Academic level

Undergraduate



Faculty

Business

Department

Entrepreneurial Leadership

Program name

Minor in Entrepreneurial Leadership

Program description

The Minor in Entrepreneurial Leadership (ENTR) is designed to equip students with entrepreneurial thinking, small business fundamentals, innovation ideation, and management and leadership skills that graduates can use to launch new businesses or innovate within existing businesses. Its flexible design gives students the ability to customize their education to their personal interests. It draws on the following program learning outcomes.

CREATE OPPORTUNITIES

Graduates will demonstrate a keen ability to identify and create growth and improvement opportunities in business and organizational environments and develop plans to turn those opportunities into reality. To that end, graduates will demonstrate an ability to create action plans to be deployed to launch a business or idea within dynamic and complex environments to effectively capture opportunities.

MOBILIZE RESOURCES

Graduates will exhibit the ability to marshal the resources needed to enact their entrepreneurial plans and achieve their goals. To that end, graduates will demonstrate an ability to create compelling arguments based on stakeholders' interests to persuade individuals and groups to contribute to efforts to achieve goals.

GROW

Graduates will demonstrate the ability to create value and adapt to changing circumstances. To this end, graduates will demonstrate an ability to use business and management skills to direct activities in dynamic and complex environments to add value to a broad array of stakeholders.

Program concentration(s) N/A

Implementation date

Fall 2025

Proposed Program Overview

Program Structure & Delivery

Alignment with KPU mission and mandate, strategic plan and academic plan

The Minor in ENTR supports KPU's polytechnic mandate as described in KPU's Academic Plan 2027. The ENTR department's use of UDL approaches enhances student accessibility (Goal A.1). ENTR faculty rely heavily on experiential learning approaches and have extensive industry contacts willing to serve as mentors for students (Goal C and Goal A.4). The department has integrated the UN SDGs throughout its program and actively encourages students to incorporate them into entrepreneurial and intrapreneurial activities they undertake (Goal A.4). Furthermore, the Minor in ENTR incorporates a course on Social Entrepreneurship, contributing to Goal D.

Will this program include a co-operative education option?

No

Discipline and Program Description

Description of discipline

Through entrepreneurial leadership, students develop an innovative mindset and learn the skills needed to start their own businesses or innovate within existing organizations. Its flexible design gives students the ability to customize their education to their personal interests.

**Expected time to complete**

Four years (24 credits completed as part of other baccalaureate degrees)

Total number of credits 24**Proposed domestic tuition**

Regular ENTR rate

Type of intake Open

Intake

Cohort delivery?

No

Course Delivery Options

Part-time studies possible?(i.e., students can choose to study part-time) Yes

Notes

The structure of the program allows both part-time and full-time students. The courses are offered through regular course schedule (daytime and evening) with mixed-mode, online, and in-person classes

Evening delivery

Yes

Notes

The structure of the program allows both part-time and full-time students. The courses are offered through regular course schedule (daytime and evening) with mixed-mode, online, and in-person classes

Weekend delivery

Yes

Notes

The structure of the program allows both part-time and full-time students. The courses are offered through regular course schedule (daytime and evening) with mixed-mode, online, and in-person classes

In person Yes**Notes**

The structure of the program allows both part-time and full-time students. The courses are offered through regular course schedule (daytime and evening) with mixed-mode, online, and in-person classes

Online or blended Yes**Delivery description**

The structure of the program allows both part-time and full-time students. The courses are offered through regular course schedule (daytime and evening) with mixed-mode, online, and in-person classes

Online or blended delivery options

All courses taught both online and on campus

Program Delivery Options

Co-op education program/practicum/clinical practice, etc. available No

Will graduates require certification? No

Will the program have to meet external accreditation requirements? No

Information for Competitive Assessment

Related programs at other PSIs

Douglas College - Minor in Management - 24 credits

University of Fraser Valley - Minor in Business - 30 Credits

Capilano University - Minor in Business Administration - 18 Credits

Vancouver Island University - Minors 18 Credits - International Business, HR, Business and Marketing

Mount Royal University (AB) - Minor Innovation and Entrepreneurship - 18 Credits

MacEwan University - Minor Innovation and Entrepreneurship 15 Credits

Unique aspects/program strengths

Local mainland programs are general business in nature, compared to entrepreneurship principles and mindset gained through this program. Moreover, the Minor in ENTR's flexible design allows students to customize their education based on their interests.

ENTR faculty employ various pedagogies shown to support marginalized groups and reduce systemic barriers. The ENTR courses selected for the minor are ZedCred, thereby reducing costs. Faculty have received training and have years of experience implementing universal design for learning (UDL) pedagogies, which have been shown to increase accessibility and reduce barriers to education[1]. Finally, many ENTR faculty employ ungrading pedagogies, which have been shown to support the success of racialized students[2].

[1] Behling, K. T., & Tobin, T. J. (2018). Reach everyone, teach everyone: Universal design for learning in higher education. WestVirginia University Press.

[2] Santos, M. C. (2022). How I Implemented Asao B. Inoue's Labor-Based Grading and Other Antiracist Assessment Strategies. CEACritic, 84(2), 160-179.

New or existing courses only?

Existing

Relationship with existing KPU programs

The ENTR BBA is the cognate major for this minor.

Information for Student Demand Assessment

New applicants to KPU

High-school, returning students.

New students enrolled in a bachelor's degree, such as Design, Arts, and Science. The educational path many students take to entrepreneurship is to earn a degree in their field of interest and then start a business in that field post-graduation. For example, most students who dream of starting a fashion business will major in fashion rather than ENTR. Let's call these students field-specific entrepreneurs to distinguish them from those students majoring in ENTR.

We know field-specific entrepreneurs exist because ENTR has had inquiries from advisors in Design, Science, Arts, and the Melville School of Business about the development of a minor. These inquiries demonstrate that this demand exists and is significant enough to become a point of discussion. Additionally, conversations with the FSO suggest an ENTR minor would improve student retention, further corroborating the presence of field-specific entrepreneurs.

Current KPU students

Students in any other bachelor programs at KPU (besides the BBA in ENTR) can enroll in the Minor of ENTR.

The educational path many students take to entrepreneurship is to earn a degree in their field of interest and then start a business in that field post-graduation. For example, most students who dream of starting a fashion business will major in fashion rather than ENTR. Let's call these students field-specific entrepreneurs to distinguish them from those students majoring in ENTR.

We know field-specific entrepreneurs exist because ENTR has had inquiries from advisors in Design, Science, Arts, and the Melville School of Business about the development of a minor. These inquiries demonstrate that this demand exists and is significant enough to become a point of discussion. Additionally, conversations with the FSO suggest an ENTR minor would improve student retention, further corroborating the presence of field-specific entrepreneurs.



Domestic/international students

Both domestic and international enrollment potential.

Information for Labour Market Assessment

Main skills graduates will have upon completion of program

Main Skills
CREATE OPPORTUNITIES Graduates will demonstrate a keen ability to identify and create growth and improvement opportunities in business and organizational environments and develop plans to turn those opportunities into reality. To that end, graduates will demonstrate an ability to create action plans to be deployed to launch a business or idea within dynamic and complex environments to effectively capture opportunities.
MOBILIZE RESOURCES Graduates will exhibit the ability to marshal the resources needed to enact their entrepreneurial plans and achieve their goals. To that end, graduates will demonstrate an ability to create compelling arguments based on stakeholders' interests to persuade individuals and groups to contribute to efforts to achieve goals.
GROW Graduates will demonstrate the ability to create value and adapt to changing circumstances. To this end, graduates will demonstrate an ability to use business and management skills to direct activities in dynamic and complex environments to add value to a broad array of stakeholders.

Sectors/types of employers that would most likely hire new graduates

Entrepreneurship
Small Business Management
Management consulting
Venture capital and private equity
Non-profit and social entrepreneurship
Intrapreneurship

Occupations and job titles for which new graduates would be qualified

Job Title	National Occupational Classification (NOC) Code
Professional Occupations in Business	11201
Other Manager in Public Administration	40019
Other Business Services Manager	10029
Banking, Credit and Other Investment Managers	10021
Insurance Underwriters	12202

Financial Assessment Background Questions

Funding

No Funding



Class size 35

New department? No

Admin support in addition to Chair No

Preferred campus delivery

Langley
Richmond
Surrey

Supplementary Documents

Curriculum Map and Program Learning Outcomes

Minor course list.pdf
Curriculum MAP ENTR minor 2025-03-07.xlsx

Other documents

1_Program_Concept_Form_ENTR minor.pdf

Key: 200

GLBL 1150: INTRODUCTION TO THE CLIMATE CRISIS

In Workflow

1. Business Chair (jeannette.paschen@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. OPA (opa@kpu.ca)
4. Finance (accounts.receivable@kpu.ca)
5. ORegCurrConsult (oregcurrconsult@kpu.ca)
6. SB Curriculum Committee (ulrich.paschen@kpu.ca)
7. SB Council (london.kleis@kpu.ca)
8. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
9. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
10. OReg-Courses (Course.Outlines@kpu.ca)
11. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Sat, 08 Mar 2025 23:42:10 GMT

Jeannette Paschen (jeannette.paschen): Approved for Business Chair **New**

Course Proposal

Date Submitted: Sat, 08 Mar 2025 21:39:21 GMT

Viewing: GLBL 1150 : Introduction to the Climate Crisis

Last edit: Sat, 08 Mar 2025 21:39:20 GMT

Changes proposed by: Ulrich Paschen (100391038)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:35:55 GMT): Approved at SB CurrCom 10 Mar 2025

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Business

Implementation Date

Fall 2025

Subject Code

GLBL - Global Competencies

Course Number 1150

Descriptive Title

Introduction to the Climate Crisis

Short Title

Intro to the Climate Crisis

Fee Category 2.a.1? No

Calendar Description



This introductory exploration of climate change will introduce students to a broad range of fields of study and their respective perspectives on the climate crisis. Students will learn key concepts and methods around the theme of the climate crisis and consider questions such as why climate change is happening, what qualifies the climate crisis as an emergency and what it means to people, our society, businesses, and our world. The course will consider interdisciplinary strategies for solutions to the climate crisis, including critical thinking, storytelling and ethical concerns about the impacts of climate change. Students will learn to view the climate emergency through multiple and sometimes contrasting perspectives, and to critically discuss contemporary discourse around the climate emergency. This course may include field trips off campus.

Suggested Credit Hours

3

Credits

3

Suggested Classroom Hours

3

Total Contact Hours 3

Is this course repeatable for additional credit?

No

Equivalent Courses

ARTS 1150 - Introduction to the Climate Crisis

Optional Calendar Description Note

This course is equivalent with ARTS 1150 while adding business-specific learning outcomes and content. Students can only take one of ARTS 1150 or GBL 1150.

Schedule Types

Schedule Type

Class

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

1	Describe the climate emergency from scientific, socio-economic, artistic, financial, business risk, and other lenses and worldviews.
2	Compare and contrast diverse perspectives on climate change and how they intersect.
3	Discuss key introductory concepts and methods involved in the study of the climate crisis.
4	Assess the complexity of the climate crisis and potential solutions that the private sector can offer.
5	Critically and creatively evaluate climate crisis information from various media for validity.
6	Identify strategies to deal with climate anxiety.

Content will include, but is not restricted to, the following:

- An overview of the science of climate change, from an interdisciplinary perspective, including what the terms climate and weather mean, how we model climate change and the risks of the climate crisis; - The history of environmental movements and how they have shaped the science and politics of climate change; - Key introductory concepts and critical perspectives about the climate crisis and its environmental impacts;
- An introduction to diverse value systems, inequality and personal perspectives related to the ethics and impacts of climate change on human and non-human nature; - A literature review of current perspectives on the climate crisis and potential solutions, as provided by the instructor and guest speakers;
- Presentations by diverse experts about the climate crisis from interdisciplinary perspectives; - Information about climate anxiety and strategies to deal with it, including the empowering potential of storytelling and emotional resonance; - Different worldviews about technical, societal and cultural climate solutions.

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Discussions/workshops with experts from various fields of study related to the climate crisis (e.g., Indigenous studies, geography, policy studies, biology, anthropology, etc.)

Cooperative learning group activities (e.g., teamwork, small group discussions, summarizing, etc.)

Outdoor, place-based activity

Student presentations

Learner reflections (in-class and on Moodle)

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Short reflective assignments (3-4 – none to exceed 20%, may or may not be written assignments) **Type**

1 Value

60

Assessment Type 2

Group multimedia project and presentation

Type 2 Value

20

Assessment Type 3

Experiential learning activities (may include field trips, etc. assessed via a process journal or similar assignment) **Type**

3 Value

10

Assessment Type 4

Learning contribution: Critical engagement and participation in-class **Type**

4 Value

10

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

None

Required Learning Resources

None

Recommended Learning Resources

The KPU Climate+ Challenge has a Moodle site filled with resources including videos, interviews, readings and websites that would be suitable for this course.

Resources specific to business:



The Age of Sustainable Development, by Jeffrey D. Sachs
 The World Bank | World Development Report 2021, Data for Better Lives
 United Nations Global Compact website Citizen's
 Guide to Climate Success, Mark Jaccard

Recommended by KPU's Business Librarian:

Journal Articles and eBooks:

George, G., Merrill, R. K., & Schillebeeckx, S. J. D. (2021). Digital sustainability and entrepreneurship: How digital innovations are helping tackle climate change and sustainable development. *Entrepreneurship Theory and Practice*, 45(5), 999-1027.
<https://doi.org.ezproxy.kpu.ca/2443/10.1177/1042258719899425>

Harvard Business Review, Winston, A., McAfee, A., Disparte, D., & Mucharraz y Cano, Y. (2020). Climate change: The insights you need from Harvard Business Review. Harvard Business Review Press. <https://ezproxy.kpu.ca/2443/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=2355164&site=ehost-live&scope=site>

Heal, G. (2017). *Endangered economies: How the neglect of nature threatens our prosperity*. Columbia University Press. [https://kpu.ent.sirsidynix.net/client/en_CA/default/search/detailnonmodal/ent:\\$002f\\$002fSD_ILS\\$002f0\\$002fSD_ILS:825162/one](https://kpu.ent.sirsidynix.net/client/en_CA/default/search/detailnonmodal/ent:$002f$002fSD_ILS$002f0$002fSD_ILS:825162/one)

Kaplan, S. (2019). *The 360° corporation: From stakeholder trade-offs to transformation*. Stanford Business Books. [https://kpu.ent.sirsidynix.net/client/en_CA/default/search/detailnonmodal/ent:\\$002f\\$002fSD_ILS\\$002f0\\$002fSD_ILS:1007617/one](https://kpu.ent.sirsidynix.net/client/en_CA/default/search/detailnonmodal/ent:$002f$002fSD_ILS$002f0$002fSD_ILS:1007617/one)

Pindyck, R. S. (2022). *Climate future: Averting and adapting to climate change* (1st ed.). Oxford University Press. [https://kpu.ent.sirsidynix.net/client/en_CA/default/search/detailnonmodal/ent:\\$002f\\$002fSD_ILS\\$002f0\\$002fSD_ILS:1393556/one](https://kpu.ent.sirsidynix.net/client/en_CA/default/search/detailnonmodal/ent:$002f$002fSD_ILS$002f0$002fSD_ILS:1393556/one)

Smil, V. (2022). *How the world really works: The science behind how we got here and where we're going*. Viking. [https://kpu.ent.sirsidynix.net/client/en_CA/default/search/detailnonmodal/ent:\\$002f\\$002fSD_ILS\\$002f0\\$002fSD_ILS:1425237/one](https://kpu.ent.sirsidynix.net/client/en_CA/default/search/detailnonmodal/ent:$002f$002fSD_ILS$002f0$002fSD_ILS:1425237/one)

Stern, N. (2006). *Stern Review: The Economics of Climate Change*. Cambridge University Press. https://webarchive.nationalarchives.gov.uk/ukgwa/20100407172811/http://www.hm-treasury.gov.uk/stern_review_report.htm

Tol, R. S. J. (2010). The economic impact of climate change. *Perspektiven Der Wirtschaftspolitik*, 11(s1), 13-37.
<https://doi.org.ezproxy.kpu.ca/2443/10.1111/j.1468-2516.2010.00326.x>

Wright, C., & Nyberg, D. (2024). Corporations and climate change: An overview. *Wiley Interdisciplinary Reviews. Climate Change*, 15(6), e919. <https://doi.org.ezproxy.kpu.ca/2443/10.1002/wcc.919>

Industry Associations:

Canadian Business for Social Responsibility (CBSR) <https://cbsr.ca/>

David Suzuki Foundation

<https://davidsuzuki.org/Green>

Economy Canada

<https://greeneconomy.ca/>

International Institute for Sustainable Development (IISD) <https://www.iisd.org/topics/responsible-business>

Network for Business Sustainability <https://nbs.net/>

Case Studies

<https://www.epa.gov/arc-x/case-studies-climate-change-adaptation>

<https://www.canada.ca/en/environment-climate-change/services/managing-reducing-waste/consultations/roadmap-plastic-wastepollution-textile-apparel-sector/proposed-roadmap-plastic-waste-pollution-textile-apparel-sector.html>

<https://www.ellenmacarthurfoundation.org/topics/fashion/examples>

marketing: #WearNext social media campaign, <https://www.ellenmacarthurfoundation.org/articles/wearnext>

business strategy: profits w/o making new clothes: rent, resell, repair, remake
<https://www.ellenmacarthurfoundation.org/fashionbusiness-models/overview>
 rental entrepreneurship: <https://byrotation.com/>
 rental designer: https://corporate.ralphlauren.com/pr_210302_LaurenLook.html reselling
 sports clothing: <https://regear.arcteryx.ca/>, <https://wornwear.patagonia.com/> furniture:
<https://www.ikea.com/ca/en/customer-service/services/buy-back/>
 cement: <https://www.ellenmacarthurfoundation.org/news/our-plan-for-cement-the-circular-economy>
 food: <https://www.canada.ca/en/environment-climate-change/services/managing-reducing-waste/food-loss-waste.html>

Additional resources specific to climate change and the climate crisis:

WEBSITE. Climate Communication – Science and Outreach (2021). Climate Change Animations (10 animations/videos). Available at: <https://www.climatecommunication.org/news/new-animations/>

WEBSITE. Identify what the atmospheric CO₂ ppm on the day you were born: <https://born-at-x-co2.agiliq.com/> (5 min) WEBSITE & VIDEOS. Planetary boundaries - Stockholm Resilience Centre - Stockholm University (20021). Available at: <https://stockholmresilience.org/research/planetary-boundaries.html>

WEBSITE/TOOL/APP. Ecological Footprint Network (2021). Footprint Calculator. Available at: <https://www.footprintcalculator.org/home/en>

WEBSITE/TOOL. United Nations Carbon Offset Platform (2021). UN Carbon Footprint Calculator. Available at: <https://offset.climateneutralnow.org/footprintcalc>

WEBSITE. Fossil-Power Top 50. Corporate Mapping Project (2021). Available at: <https://www.corporatemapping.ca/database/fossilpower-top-50/>

WEBSITE: <https://pdx.pressbooks.pub/ctoolkitclone/> Climate Toolkit 2.0. Frank D. Granshaw, Portland State University, July 1, 2020.

WEBSITE: <https://www.just-environments.org/the-syllabus>

WEBSITE: <https://climateprimer.mit.edu/>

PODCAST: Green Justice with KPU hosts Mark Vardy, Greg Simmons and Paula Hirschmann

VIDEO. Kwantlen First Nations Elder-in-Residence Welcome from Lekeyten. KPU Climate+ Challenge. Available at: <https://wordpress.kpu.ca/climatepluschallenge/elder-greeting-from-kpu-elder-in-residence-and-elder-of-the-kwantlen-first-nationlekeyten/>

VIDEO. IPCC's Climate Change Report Explained (2021). Swiss Learning Exchange. Available at:

VIDEO. What YOU Can Do About Climate Change (2013). PICSCanada. Available at: <https://www.youtube.com/watch?v=VTfgNFz1DBM>

VIDEO. Earth's energy budget: https://www.youtube.com/watch?v=lxEE_phcMk

VIDEO. Anthropogenic emissions of carbon: <https://climatecommunication.org/climate/heat-trapping-gases-video/>

VIDEO. [Prof] Jeff Kiehl, Physics of Climate Change (2019). Available at: <https://www.youtube.com/watch?v=KFyOXSLHJlg>

VIDEO. What is the tragedy of the commons? Nicholas Amendolare [TED-ED] (2017). Available at: <https://www.youtube.com/watch?v=CxC161GvMPc>

VIDEO. How does the United Nations Work? RMIT (2011). Available at: <https://www.youtube.com/watch?v=Qolafzc0k74>

VIDEO. What is the United Nations? (2021). United Nations Association of Norway / FN-sambandet Norge. Available at: <https://www.youtube.com/watch?v=E67ln5yJtyE>

VIDEO. Episode 9. Climate Change Conference | UNFCCC | SDG Plus. Swiss Learning Exchange. Available at: <https://www.youtube.com/watch?v=RlvSSfYxPiU>

VIDEO EXTRACT / ARTICLE. Democracy Now, (13 Dec., 2021). "This Isn't a Natural Disaster": Climate Scientist Michael Mann on Deadly Tornadoes in 8 States. Available at: https://www.democracynow.org/2021/12/13/michael_mann_on_climate_crisis_tornadoes

VIDEO EXTRACT / ARTICLE. Democracy Now, (13 Dec., 2021). "A Bigger Picture": Ugandan Activist Vanessa Nakate on Bringing New Voices to the Climate Fight. Available at: https://www.democracynow.org/2021/12/13/a_bigger_picture_by_vanessa_nakate VIDEO. Is Heat the Greatest Climate Threat?(2021) Energy vs. Climate Website. Available at: <https://www.energyvsclimate.com/isheat-the-greatest-climate-threat/>

VIDEO. Possible Worlds: Author ("Ministry of the Future") Kim Stanley Robinson. UCLA Division of Humanities (Nov 30, 2021). Available at: <https://humanities.ucla.edu/lecture/possible-worlds/>



REPORT. Coal Atlas - Facts and Figures. Heinrich Boll Stiftung - The Green Political Foundation (2015). Available at: <https://www.boell.de/en/dossier-coal-atlas-facts-and-figures-fossil-fuel> OR: https://www.boell.de/sites/default/files/coalatlas2015_ii.pdf

REPORT. Green and Inclusive: Advancing as Sustainable and Socially Just Transition for Boulder (May 2019). Just Transition Collaborative, School of Education. University of Colorado (Boulder). Available at: <https://www.colorado.edu/jtc/2019/05/24/jtc-2019report-green-inclusive-report>

REPORT. "Banking on Climate Chaos 2021" Rainforest Action Network (RAN). Free download, available at: <https://www.ran.org/publications/banking-on-climate-chaos-2021/>
OR : <https://www.ran.org/wp-content/uploads/2021/03/Banking-on-Climate-Chaos-2021.pdf>

PODCAST: Climate Justice & Inequality: Centring Justice in the Climate Emergency - with Anjali Appadurai. Below the Radar Podcast. Sep 07, 2021. <https://www.sfu.ca/vancity-office-community-engagement/below-the-radar-podcast/series/climate-justiceinequality/132-anjali-appadurai.html>

PODCAST. Canada's Carbon Economy & Indigenous Ambivalence". Media Indigena ep 255, with guest Clifford Atleo. May 1st, 2021. <https://radiopublic.com/media-indigena-indigenous-curren-G7o97a/s1!4ac87>

PODCAST: Feminist economics and a just transition. A Below the Radar podcast with guest Alicia Massie. July 20, 2021. <https://www.sfu.ca/vancity-office-community-engagement/below-the-radar-podcast/episodes/130-alicia-massie.html>

BOOK. Andrew Carrol (2021). Regime of Obstruction: How Corporate Power Blocks Energy Democracy, AU Press. Free download or read online available at: <https://www.aupress.ca/books/120293-regime-of-obstruction/>

ARTICLE. A. Cruickshank. After a year of climate disaster, B.C. grapples with the urgent need to adapt to its dangerous future. The Narwal. Dec 14, 2021. <https://thenarwhal.ca/bc-climate-disasters-2021/>

ARTICLE. Are extreme weather events the result of climate change? Canadian Institute of Climate Choices (13 July, 2021). Available at: <https://climatechoices.ca/are-extreme-weather-events-the-result-of-climate-change/>

ARTICLE. "Wishing fossil fuel financiers a rocky new year" (21 Dec, 2021), National Observer. Available at: <https://www.nationalobserver.com/2021/12/21/opinion/wishing-fossil-fuel-financiers-rocky-new-year-divestment>

ARTICLE. An Interview with Margaret Atwood: The acclaimed author on hope, science, and writing about the future. Slate Online (Feb 06, 2015). Available at: <https://slate.com/technology/2015/02/margaret-atwood-interview-the-author-speaks-on-hope-science-and-the-future.html>

LETTER. BC Assembly of First Nations & Others. An Open Letter: BC must act now to confront our climate emergency (29 Sept, 2021). Available at: <https://www.bcafn.ca/news/in-the-news/open-letter-bc-must-act-now-confront-our-climate-emergency>

Open Educational Resources (OER)

<https://www.coursera.org/learn/sustainable-finance>. Principles of Sustainable Finance by Schoenmaker and Schramade, 2019 Oxford University Press

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

No

Course Developer(s)

Christina Shorthouse and Climate+ Challenge

Date for Next Review

2030-09-01 Key:

7247

CPSC 1100: INTRODUCTION TO COMPUTER LITERACY

In Workflow

1. Computer Science & Info System Chair (mandeep.pannu@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Subcommittee on Pathway Courses (mitra.gorjipour@kpu.ca)
7. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
9. OReg-Courses (Course.Outlines@kpu.ca)
10. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:42:58 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Computer Science & Info System Chair
2. Wed, 26 Feb 2025 16:32:20 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:19:33 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 09:34:21 GMT

Viewing: CPSC 1100 : Introduction to Computer Literacy

Last edit: Wed, 26 Feb 2025 16:32:00 GMT

Changes proposed by: Mandeep Pannu (100302133)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:10:10 GMT): The publication year in this learning resource seems redundant due to the presence of the "Latest Edition" remark: 'Gaskin, Vargas and McLellan. Go! with Microsoft Office 2019. 2016. Pearson. Latest Edition.'

Ulrich Paschen (ulrich.paschen) (Mon, 10 Mar 2025 04:22:29 GMT): Earlier comment is a misunderstanding. Please disregard.

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Computer Science & Info System

Implementation Date

Fall 2025

Subject Code

CPSC - Computer Science

Course Number

1100

Descriptive Title

Introduction to Computer Literacy

Short Title

Intro. to Computer Literacy

Fee Category 2.a.1? Yes

Calendar Description



Students will learn concepts and trends in computer science. Students will gain an understanding of the terminology, current issues and changes in the technology of computing. Students will learn to use major application packages, such as word processing, spreadsheet, relational database and presentation software. Students will learn fundamental programming concepts and develop structured programs using a high-level language. Students will also examine social and ethical issues in computing.

Credits

3

Lecture Hours

3-8

Lab Hours

0

Other Hours

0

Contact Hours 3-8**Is this course repeatable for additional credit?**

No

Schedule Types**Schedule Type**

Lab

Class

Course Attributes**Pathway to Undergraduate Studies** Pathway

2

Course Registration Restrictions

Include Undergraduate Include
Pathway

Course Learning Outcomes**A student who successfully completes the course will have reliably demonstrated the ability to:**

1	Define the principal literacy terms of computer hardware, software and applications.
2	Use an operating system to direct the operation of a personal computer.
3	Use a word processor to write, edit, format and print a document.
4	Use a spreadsheet application to build a worksheet, to draw simple graphs and charts, and to solve common problems in sensitivity analysis and decision making.
5	Use a database application to create a database, to modify, view, search, sort and create reports for its contents.
6	Define the fundamental concepts involved in computer programming and implement these concepts using a highlevel programming language.

Content will include, but is not restricted to, the following: Computer

Literacy Concepts:

- Hardware: input devices, output devices, processors, storage devices and data communication.



- Software: operating systems, programming languages, application software.
- People: occupations, users.

Social implications:

- Impact of computers and related technology on employment, security, environmental and ethical issues.

Application Packages and Operating Systems:

- Operating systems: using Windows to run programs, maintain and copy files.

Word-processing: creating, editing, formatting and printing documents; using basic desktop publishing concepts.

- Spreadsheets: building, modifying and enhancing worksheets; using formulas; creating charts; writing macros.

- Databases: designing, creating and modifying databases; creating relations; sorting, searching and retrieving data; using forms; creating reports.

Computer Programming:

- Control structures: selection and repetition; subprograms; software development life cycle; event-driven programming; forms, properties and controls.

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- attending lectures and taking notes
- conducting library and Internet research
- working on labs and assignments
- implementing group projects
- demonstrating expertise by writing regular quizzes
- participating in group discussions
- presenting ideas to and meeting challenges from the class

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Labs/Tutorials

Type 1 Value

15

Assessment Type 2

Assignments

Type 2 Value

25

Assessment Type 3

Quizzes

Type 3 Value

10

Assessment Type 4

Midterm

Type 4 Value

20

Assessment Type 5

Final Examination

Type 5 Value

30

**TOTAL**

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Interview

Product/Portfolio

Required Learning Resources

Technology In Action. Pearson. Latest Edition.

Gaskin, Vargas and McLellan. Go! with Microsoft Office 2019. Pearson. Latest Edition.

Does this course require the use of animals? No**Do library resources in this area need more development?**

No

Course Developer(s) Eugenia

Culham;

Course Reviser(s) Eugenia

Culham

Date for Next Review

2030-01-01 Key:

1540

CPSC 1204: PRINCIPLES OF PROGRAM STRUCTURE AND DESIGN II

In Workflow

1. Computer Science & Info System Chair (mandeep.pannu@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:43:22 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Computer Science & Info System Chair
2. Wed, 26 Feb 2025 16:45:00 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:20:17 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee Date

Submitted: Mon, 03 Feb 2025 09:38:04 GMT

Viewing: CPSC 1204 : Principles of Program Structure and Design II

Last edit: Mon, 10 Mar 2025 04:25:58 GMT

Changes proposed by: Mandeep Pannu (100302133)

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Computer Science & Info System

Implementation Date

Fall 2025

Subject Code

CPSC - Computer Science

Course Number

1204

Descriptive Title

Principles of Program Structure and Design II

Short Title

Program Structure & Design II

**Fee Category 2.a.1?**

Yes

Calendar Description

Students will learn fundamental programming design and implementation concepts in the context of object-oriented programming. Students will review elementary concepts and learn more advanced concepts such as: data structures, objects, object interaction, inheritance, polymorphism, interface, abstract classes, and exception handling. Students will also be introduced to concepts and design principles of event-driven programming and graphical user interfaces. Students will learn methods for good analysis, design and style.

Credits

3

Lecture Hours

3-4

Lab Hours

0

Other Hours

0

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Equivalent Courses

INFO 2313 - Principles of Program Structure and Design II

Optional Calendar Description Note

Students may earn credit for only one of INFO 2313 and CPSC 1204.

Prerequisites

CPSC 1103 or INFO 1112

Schedule Types**Schedule Type**

Lab

Course Attributes**Degree Requirement Attributes** Quantitative**Course Registration Restrictions** Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|--|
| 1 | perform program design for substantial problems using object-oriented design principles; |
| 2 | implement (code, debug and test) the associated algorithms using the Java programming language; |
| 3 | solve programming problems requiring the use of strings, arrays and vectors, objects and classes, recursion and class inheritance; |
| 4 | write user and technical documentation to describe the operation of a program as well as its design; |
| 5 | develop graphics applications and applets using Java graphics; |



- | | |
|---|---|
| 6 | program API and user interface components; |
| 7 | develop comprehensive programs using exception handling and multithreading. |

Content will include, but is not restricted to, the following:

1. Review of Algorithms and the Software Development Method
 - Software Development Life Cycle (SDLC)
 - Structured Design Techniques
 - Implementation techniques
 - Program testing
 - Documentation (Code Comments, User and Technical Documentation, Unified Modeling Language (UML) diagrams, etc.) • Introduction to Data Abstraction
 - Object-Oriented Software Development
2. Fundamentals of Java
 - Introduction to Java
 - Java Building Elements
 - Conditional Structures
 - Repetitive Structures
 - Methods, Implementation and Numerical Processing
 - Recursion
3. Object-Oriented Programming
 - Programming with Objects and Classes; encapsulation and Information hiding; and Input-Output Classes
 - Arrays and Vectors
 - Class Inheritance
4. Graphics programming
 - Event Handling
 - Graphical User Interfaces
 - Applications and Applets
5. Developing Comprehensive Projects
 - Exception Handling
 - Multithreading
 - Streams

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- attending lectures and taking notes;
- working on exercises and assignments;
- demonstrating expertise by writing regular quizzes;
- participating in group discussions;
- analyzing case situations;
- presenting ideas to and meeting challenges from the class;

Students will learn the principles and concepts of computer programming using Java through a series of assignments and labs. All assignments require comprehensive skills in the programming language of Java. Students will document the assignment results by presenting them with user documentation and programmer documentation.

Assessment

Assessment plans comply with KPU policy and may resemble the following:



Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments (min. 2)

Type 1 Value

30

Assessment Type 2

Labs (min. 3)

Type 2 Value

10

Assessment Type 3

Quizzes (min. 3)

Type 3 Value

10

Assessment Type 4

Midterm Exam

Type 4 Value

20

Assessment Type 5

Final Exam

Type 5 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Product/Portfolio

Required Learning Resources

Gaddis, Tony, Muganda, Godfrey. Starting Out with Java From Control Structures through Objects Pearsonl. Latest Edition.

or

Liang, Daniel Y. Intro to Java Programming, Comprehensive Version, Pearson. Latest edition. or

equivalent textbook.

This course must be taught in a computer lab with access to the Java language.

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

No



Course Developer(s)

Cesar Lopez Castellanos; Mandeep Pannu



Course **Reviser(s)**
Eugenia Culham

Date for Next Review

2030-01-01 Key:
1542



CPSC 1204: PRINCIPLES OF PROGRAM STRUCTURE AND DESIGN II

In Workflow

1. Computer Science & Info System Chair (mandeep.pannu@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (landon.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:43:22 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Computer Science & Info System Chair
2. Wed, 26 Feb 2025 16:45:00 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:20:17 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee Date

Submitted: Mon, 03 Feb 2025 09:38:04 GMT

Viewing: CPSC 1204 : Principles of Program Structure and Design II

Last edit: Mon, 10 Mar 2025 04:25:58 GMT

Changes proposed by: Mandeep Pannu (100302133)

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Computer Science & Info System

Implementation Date

Fall 2025

Subject Code

CPSC - Computer Science

Course Number

1204

Descriptive Title

Principles of Program Structure and Design II

Short Title

Program Structure & Design II

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn fundamental programming design and implementation concepts in the context of object-oriented programming. Students will review elementary concepts and learn more advanced concepts such as: data structures, objects, object interaction, inheritance, polymorphism, interface, abstract classes, and exception handling. Students will also be introduced to concepts and design principles of event-driven programming and graphical user interfaces. Students will learn methods for good analysis, design and style.

Credits

3

Lecture Hours

3-4

Lab Hours

0

Other Hours

0

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Equivalent Courses

INFO 2313 - Principles of Program Structure and Design II

Optional Calendar Description Note

Students may earn credit for only one of INFO 2313 and CPSC 1204.

Prerequisites

CPSC 1103 or INFO 1112

Schedule Types**Schedule Type**

Lab

Course Attributes**Degree Requirement Attributes** Quantitative**Course Registration Restrictions** Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	perform program design for substantial problems using object-oriented design principles;
2	implement (code, debug and test) the associated algorithms using the Java programming language;
3	solve programming problems requiring the use of strings, arrays and vectors, objects and classes, recursion and class inheritance;



- 4 write user and technical documentation to describe the operation of a program as well as its design;
- 5 develop graphics applications and applets using Java graphics;



- | | |
|---|---|
| 6 | program API and user interface components; |
| 7 | develop comprehensive programs using exception handling and multithreading. |

Content will include, but is not restricted to, the following:

1. Review of Algorithms and the Software Development Method
 - Software Development Life Cycle (SDLC)
 - Structured Design Techniques
 - Implementation techniques
 - Program testing
 - Documentation (Code Comments, User and Technical Documentation, Unified Modeling Language (UML) diagrams, etc.) • Introduction to Data Abstraction
 - Object-Oriented Software Development
2. Fundamentals of Java
 - Introduction to Java
 - Java Building Elements
 - Conditional Structures
 - Repetitive Structures
 - Methods, Implementation and Numerical Processing
 - Recursion
3. Object-Oriented Programming
 - Programming with Objects and Classes; encapsulation and Information hiding; and Input-Output Classes
 - Arrays and Vectors
 - Class Inheritance
4. Graphics programming
 - Event Handling
 - Graphical User Interfaces
 - Applications and Applets
5. Developing Comprehensive Projects
 - Exception Handling
 - Multithreading
 - Streams

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- attending lectures and taking notes;
- working on exercises and assignments;
- demonstrating expertise by writing regular quizzes;
- participating in group discussions;
- analyzing case situations;
- presenting ideas to and meeting challenges from the class;

Students will learn the principles and concepts of computer programming using Java through a series of assignments and labs. All assignments require comprehensive skills in the programming language of Java. Students will document the assignment results by presenting them with user documentation and programmer documentation.

Assessment

Assessment plans comply with KPU policy and may resemble the following:



Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments (min. 2)

Type 1 Value

30

Assessment Type 2

Labs (min. 3)

Type 2 Value

10

Assessment Type 3

Quizzes (min. 3)

Type 3 Value

10

Assessment Type 4

Midterm Exam

Type 4 Value

20

Assessment Type 5

Final Exam

Type 5 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Product/Portfolio

Required Learning Resources

Gaddis, Tony, Muganda, Godfrey. Starting Out with Java From Control Structures through Objects Pearsonl. Latest Edition.

or

Liang, Daniel Y. Intro to Java Programming, Comprehensive Version, Pearson. Latest edition. or

equivalent textbook.

This course must be taught in a computer lab with access to the Java language.

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

No



Course Developer(s)

Cesar Lopez Castellanos; Mandeep Pannu

Course Reviser(s)

Eugenia Culham

Date for Next Review

2030-01-01 Key:

1542

CPSC 2302: DATA STRUCTURES AND ALGORITHMS

In Workflow

1. Computer Science & Info System Chair (mandeep.pannu@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
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9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:43:30 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Computer Science & Info System Chair
2. Wed, 26 Feb 2025 16:48:58 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:20:40 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 09:40:00 GMT

Viewing: CPSC 2302 : Data Structures and Algorithms

Last edit: Wed, 26 Feb 2025 16:48:29 GMT

Changes proposed by: Mandeep Pannu (100302133)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:27:01 GMT): Other courses with equivalencies show an optional calendar note emphasizing this fact. Should that be done here?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Computer Science & Info System

Implementation Date

Fall 2025

Subject Code

CPSC - Computer Science

Course Number

2302

Descriptive Title

Data Structures and Algorithms

Short Title

Data Structures and Algorithms

**Fee Category 2.a.1?**

Yes

Calendar Description

Students will learn fundamental tools of data and program organization including object-oriented programming, algorithm analysis, data abstraction and data structures. Students will learn to implement and use data structures such as Lists, Stacks, Queues, Trees, Hash Tables, and Graphs. Students will learn different algorithms for sorting and searching as well as analyzing and comparing the efficiencies of these algorithms.

Credits

3

Lecture Hours

3-4

Lab Hours

0

Other Hours

0

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Equivalent Courses

INFO 2315 - Data Structure

Prerequisites

CPSC 1204 or INFO 2313

Schedule Types**Schedule Type**

Class/Lab

Course Attributes**Degree Requirement Attributes** Quantitative**Course Registration Restrictions** Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Explain the concept of data abstraction and apply it to software design and implementation.
2	Select and apply the appropriate data structures for solving different problems using the computer.
3	Use an object-oriented programming language to implement data structures such as arrays, vectors, queues, stacks, lists, hash tables and trees.
4	Select and implement different sorting and searching algorithms to solve computing problems and analyze their efficiencies.

Content will include, but is not restricted to, the following:

1. Software Engineering Principles

- Basic concepts of software life cycle
- Modules and modular design



- Top-down design and object-oriented design principles

2. Data Abstraction and Java Classes

- Abstract data types and Java classes
- Accessibility and information hiding
- Constructors, inheritance, polymorphism, exceptions, interfaces, generic types, casting and design patterns

3. Concrete Data Structures

- An overview of data structures
- Concrete vs. abstract data structures, linear vs. non-linear data structures
- Fundamental concrete data structures in Java: arrays and vectors, linked lists and trees

4. Object-Oriented Design and Abstract Data Types

- Inheritance
- Issues in object-oriented program design
- Basic abstract data types: arrays, vectors, sets, lists, stacks, queues, maps, tables, dictionaries

5. Search Structures and Searching Algorithms

- Complexity analysis and big-O notation
- Linear and binary search tables
- Hashing, linear-probed hash tables, chained hash tables and collision resolution strategies
- Binary search trees, AVL trees
- Heaps, priority queues

6. Sorting Algorithms

- Insertion and selection sort
- Quicksort (average and worst case analysis)
- Treesort and heapsort

7. External Searching and Sorting

- Searching on disk: M-way search trees, B-trees
- Sorting on disk - Mergesort

8. Graphs

- Adjacent matrix and adjacency list representation
- Depth-first and breadth-first search, topological sorting
- Spanning trees
- Shortest paths

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

attending lectures and taking notes;

working on exercises and assignments;

demonstrating expertise by writing regular quizzes;

participating in group discussions;

analyzing case situations;

presenting ideas to and meeting challenges from the class;

Students will learn the principles and concepts of computer programming using Java through a series of assignments and labs. All assignments require comprehensive skills in the programming language of Java. Students will document the assignment results by presenting them with user documentation and programmer documentation.



Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments and Project

Type 1 Value

30

Assessment Type 2

Labs

Type 2 Value

10

Assessment Type 3

Quizzes

Type 3 Value

10

Assessment Type 4

Midterm Examination

Type 4 Value

20

Assessment Type 5

Final Examination

Type 5 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Required Learning Resources

The following text or equivalent is required:

F. Carrano & W. Savitch. Data Structures and Abstractions with Java, Prentice Hall, Latest Edition.

or

Liang, Y. Daniel. Introduction to Java Programming Comprehensive Version, Pearson. Latest Edition.

This course must be taught in a computer lab.

Does this course require the use of animals? No

Do library resources in this area need more development?

No



Course **Developer(s)**
Eugenia Culham

Course Reviser(s)
Eugenia Culham



Date for Next Review

2030-01-01 Key:

1545

INFO 1111: INTRODUCTION TO COMPUTER HARDWARE AND SOFTWARE

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (landon.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Subcommittee on Pathway Courses (mitra.gorjipour@kpu.ca)
7. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
9. OReg-Courses (Course.Outlines@kpu.ca)
10. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 11 Mar 2025 07:27:38 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Tue, 11 Mar 2025 15:21:37 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 12, 2023 by Ashley Allison (ashley.allison)

Date Submitted: Mon, 10 Mar 2025 21:17:22 GMT

Viewing: INFO 1111 : Introduction to Computer Hardware and Software

Last approved: Tue, 12 Sep 2023 03:03:06

GMT Last edit: Mon, 10 Mar 2025 21:17:21

GMT

Changes proposed by: Benjamin Kwan (009238737)

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number 1111

Descriptive Title

Introduction to Computer Hardware and Software

Short Title

Intro Comp Hardware & Software

**Fee Category 2.a.1?**

Yes

Calendar Description

Students will learn general computer hardware and software concepts. They will study the general architecture of the computer and examine hardware components such as microprocessors, memory, motherboards, expansion buses, power supplies, hard disk drives, removable media, peripherals, input/output devices, video, audio, and network interface cards. They will compare differences between hardware used in enterprise, personal and mobile computing devices. Students will also study the functions of operating systems and device drivers and will be provided an overview of popular application software.

Credits

3

Lecture Hours

3-4

Contact Hours 3-4**Is this course repeatable for additional credit?**

No

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions**

Include Undergraduate

Include Information Technology All Field of Study Types

Include Computer Info Systems Intended All Field of Study Types

Include Computer Info Systems All Field of Study Types

Include Information Technol Intended All Field of Study Types

Course Learning Outcomes**A student who successfully completes the course will have reliably demonstrated the ability to:**

- | | |
|---|---|
| 1 | Describe the general architecture of a computer system |
| 2 | Describe the features and functions of the hardware components of a computer system |
| 3 | Explain the relationships between the hardware components |
| 4 | Configure hardware settings and diagnose basic hardware problems |
| 5 | Describe the features and functions of the software components of a computer system |
| 6 | Explain the relationships between the software components |
| 7 | Complete production tasks using selected application software |

Content will include, but is not restricted to, the following:

- Computer Hardware
- Architecture of a microcomputer
- Microprocessors
- RAM
- Expansion buses
- Motherboards
- Power supplies
- Hard drives and removable media

- Inputs and outputs
- Video and audio
- Network interface cards



- Server computers
- Mobile devices
- Computer Software
- Device drivers
- Operating systems

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- Attending lectures
- Completing lab work
- Completing assignments
- Writing exams

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments/ Labs (minimum 4)

Type 1 Value

30

Assessment Type 2

Quizzes

Type 2 Value

15

Assessment Type 3

Midterm Exam

Type 3 Value

25

Assessment Type 4

Final Exam

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Interview

Required Learning Resources

- The hardware component of the course must be related to A+ certification. Faculty should select a contemporary hardware textbook similar to the following:

Meyers, M. A+ Certification All-in-One Exam Guide. MacGraw Hill. Latest edition.

- This course must be taught in a computer lab.

**Does this course require the use of animals?**

No

Course Developer(s) Jendy

Wu;

Course Reviser(s) Jendy

Wu;

Date for Next Review

2028-09-01

Key:

4009

INFO 2315: DATA STRUCTURE

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:35:35 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 16:51:47 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:20:57 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 08:52:52 GMT

Viewing: INFO 2315 : Data Structure

Last edit: Wed, 26 Feb 2025 16:51:23

GMT

Changes proposed by: Mandeep Pannu (100302133)

Reviewer Comments

Ashley Allison (ashley.allison) (Wed, 26 Feb 2025 16:50:30 GMT): Equivalency note does not need to be added to the course description as it is automatically bridged into the Banner course description if an Equivalent Course is added. Removed note from Course Description.

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

2315

Descriptive Title

Data Structure

**Short Title**

Data Structure

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the data structures and associated algorithms commonly used in system development. They will learn Application of Linked Lists, Stacks, Queues, Binary Trees, Balanced Trees, Searching of Trees, Lists, Inverted Lists, Multi-lists and Graphs. These are the fundamental tools available for contemporary programming languages for implementation of complex algorithms.

Credits

3

Lecture Hours

3,4

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Equivalent Courses

CPSC 2302 - Data Structures and Algorithms

Prerequisites

INFO 2313 or CPSC 1204

Schedule Types**Schedule Type**

Lab

Course Attributes**Course Registration Restrictions**

Include Undergraduate

Exclude Certificate Degree

Include Information Technology All Field of Study Types

Include Computer Info Systems Intended All Field of Study Types

Include Computer Info Systems All Field of Study Types

Include Information Technol Intended All Field of Study Types

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|--|
| 1 | Apply data structures and algorithms to a number of problems requiring computer implementation |
| 2 | Select appropriate data structures for the given problem |
| 3 | Implement specification of the data type |
| 4 | Analyze the implementation of data structures |
| 5 | Implement appropriate algorithms for the given problem |

Content will include, but is not restricted to, the following:

- 1) Software Engineering Principles
 - Basic concepts of software life cycle
 - Modules and modular design



- Top-down design and object-oriented design principles

2) Data Abstraction and Classes

- Abstract data types and classes
- Accessibility and information hiding
- Constructors, inheritance, polymorphism, exceptions, interfaces, casting and design patterns

3) Concrete Data Structures

- An overview of data structures
- Concrete vs. abstract data structures, linear vs. non-linear data structures
- Fundamental concrete data structures: arrays and vectors, linked lists and trees

4) Object-Oriented Design and Abstract Data Types

- Inheritance
- Issues in object-oriented program design
- Basic abstract data types: arrays, vectors, sets, lists, stacks, queues, maps, tables or dictionaries

5) Search Structures and Searching Algorithms

- Complexity analysis and big-O notation
- Linear and binary search tables
- Hashing, linear-probed hash tables, chained hash tables and collision resolution strategies
- Binary search trees, AVL trees
- Heaps, priority queues

6) Sorting Algorithms:

- Insertion and selection sort
- Quicksort (average and worst case analysis).
- Treesort and heapsort

7) External Searching and Sorting

- Searching on disk: M-way search trees, B-trees
- Sorting on disk - Mergesort

8) Graphs

- Adjacent matrix and adjacency list representation
- Depth-first and breadth-first search, topological sorting
- Spanning trees
- Shortest paths

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending lectures and taking notes

Working on assignments

Implementing individual assignments

Writing regular quizzes

Participating in group discussions

Analyzing design problems

Presenting ideas to and meeting challenges from the class

Students will learn the principles and concepts of data structures through a series of exercises and assignments. The assignments will require comprehensive skills in programming.



Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Labs

Type 1 Value

20

Assessment Type 2

Assignments

Type 2 Value

20

Assessment Type 3

Class Activities and Participation

Type 3 Value

10

Assessment Type 4

Midterm Exam

Type 4 Value

20

Assessment Type 5

Final Exam

Type 5 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Interview

Product/Portfolio

Required Learning Resources

The following text or equivalent is required:

F. Carrano & W. Savitch. Data Structures and Abstractions with Java, Prentice Hall, Latest Edition. or Liang,

Y. Daniel., Introduction to Java Programming Comprehensive Version, Pearson. Latest Edition.

This course must be taught in a computer lab.

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?



No

Course **Developer(s)**
Eugenia Culham

Course Reviser(s)
Eugenia Culham

**Date for Next Review**

2030-01-01 Key:

4019



INFO 2416: SERVER OPERATING SYSTEMS

KPU In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
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4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
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7. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:35:53 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 16:52:35 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:21:20 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

History

1. Sep 12, 2023 by Ashley Allison (ashley.allison)
- Date Submitted: Mon, 03 Feb 2025 08:57:20 GMT

Viewing: INFO 2416 : Server Operating Systems

Last approved: Tue, 12 Sep 2023 03:03:15

GMT Last edit: Sun, 09 Mar 2025 01:36:28

GMT

Changes proposed by: Mandeep Pannu (100302133)

Reviewer Comments

Benjamin Kwan (Benjamin.Kwan) (Fri, 21 Feb 2025 18:22:49 GMT): Remove Equivalent course INFO 3160 as it is slated for deletion.

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:36:59 GMT): Removed INFO 3160 as equivalent based on earlier comment

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

2416

Descriptive Title

Server Operating Systems

Short Title

Server Operating Systems

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the principles, techniques and strategies used in planning, installing, testing, and administering a server operating system. Students will learn to create and manage user accounts using Active Directory, and to install and configure server roles including DHCP (Dynamic Host Configuration Protocol) server, DNS (Domain Name System) server, printer server, web server, and VPN (Virtual Private Network) server. Students will be required to plan, design, and install an application server to simulate real-world scenarios. Students will have hands-on experience in installing, troubleshooting, fine-tuning, and administering a server operating system.

Credits

3

Lecture Hours

3,4

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Prerequisites

INFO 1211 and INFO 1212

Schedule Types**Schedule Type**

Class

Lab

Class/Lab

Course Attributes**Course Registration Restrictions**

Include Undergraduate

Exclude Certificate Degree

Include Information Technology All Field of Study Types

Include Computer Info Systems Intended All Field of Study Types

Include Computer Info Systems All Field of Study Types

Include Information Technol Intended All Field of Study Types

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Install and configure server operating systems
2	Install and configure and printer servers
3	Create and implement a strategy for sharing files among users
4	Connect workstations as clients of a server
5	Create and manage user and computer accounts using Active Directory
6	Install and configure DNS, DHCP, and web servers
7	Create, configure and apply Group Policy Objects
8	Install and run VPNs

Content will include, but is not restricted to, the following:

- Installing, updating and configuring server operating systems
- Creating and managing users and groups using Active Directory





- Managing shared files using Access Control Lists (ACLs) and the NT File System (NTFS)
- Analyzing organizational needs in order to create an Active Directory design
- Implementing server group policies using Active Directory and Group Policy Objects (GPOs)
- Managing system disk storage and system recovery
- Installing and configuring web servers
- Enabling server remote desktop consoles
- Managing server network services using DHCP and DNS
- Installing and configuring network printer servers
- Configuring VPNs

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending classes

Working on assignments and labs

Participating in group discussions

Completing group work

Writing a project report

Orally and visually presenting work to a group

Writing exams

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

20

Assessment Type 2

Labs

Type 2 Value

15

Assessment Type 3

Quizzes

Type 3 Value

10

Assessment Type 4

Term Project

Type 4 Value

15

Assessment Type 5

Midterm Exam

Type 5 Value

15

Assessment Type 6

Final Exam

Type 6 Value

25

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Interview

Required Learning Resources

The student must have access to a computer capable of running Microsoft Windows Server and Microsoft Windows Professional or Enterprise in a virtualized environment, such as VirtualBox or Hyper-V.

Recommended Learning Resources

Faculty may select a contemporary textbook similar to the following:

MCSA Windows Server 2016 Complete Study Guide: Exam 70-740, Exam 70-741, Exam 70-742, by Panek, W. John Wiley & Sons, Inc., 2018.

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

No

Course **Developer(s)**

Kenward Chin;

Course **Reviser(s)**

Kenward Chin;

Date for Next Review

2030-09-01 Key:

4023

INFO 3180: WIRELESS NETWORKS

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
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4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
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Approval Path

1. Tue, 25 Feb 2025 22:36:51 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 16:57:08 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:23:31 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 09:09:40 GMT

Viewing: INFO 3180 : Wireless Networks
Last edit: Mon, 10 Mar 2025 04:30:00 GMT

Changes proposed by: Mandeep Pannu (100302133)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:43:48 GMT): Suggest deleting the word 'modern' from added verbiage in course description. This type of language does not tend to age well.

Benjamin Kwan (Benjamin.Kwan) (Sun, 09 Mar 2025 21:55:27 GMT): Suggest to change the word "modern" to "wireless technology":
 "The course will also cover wireless technology topics such as Wi-Fi, mesh networking, intro to the WPA3 security, cloud-managed wireless networks, and how WLANs work with IoT devices and 5G networks."

Ulrich Paschen (ulrich.paschen) (Mon, 10 Mar 2025 04:30:50 GMT): Updated verbiage in calendar description to address earlier comments.

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

3180

Descriptive Title

Wireless Networks

Short Title

Wireless Networks

Calendar Description

Students will learn the concepts and practical skills of wireless local area networks (WLANs). They will learn the fundamentals of radio frequency (RF) signals, mathematical skills required in RF signal power calculations, wireless antennas, antenna accessories, and spread spectrum technologies. The students will also learn WLAN infrastructure devices, WLAN organizations and standards, WLAN network architectures, wireless site survey and WLAN troubleshooting techniques. The course will also cover wireless technology topics such as Wi-Fi 6 and Wi-Fi 7, mesh networking, intro to the WPA3 security, cloud-managed wireless networks, and how WLANs work with IoT devices and 5G networks.

Credits

3

Lecture Hours

3-4

Contact Hours

3-4

Is this course repeatable for additional credit?

No

Prerequisites

INFO 2311 plus 6 credits from courses in INFO at the 2000 level

Schedule Types

Schedule Type

Class/Lab

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Understand WLAN and RF basics
2	Perform RF signal power calculations
3	Work with wireless antennas and accessories
4	Set up and configure WLAN devices
5	Troubleshoot WLAN issues and understand WPA3 security measures
6	Manage cloud-based wireless networks
7	Understand Wi-Fi 6, Wi-Fi 7, and mesh networking
8	Integrate WLANs with IoT and 5G networks

Content will include, but is not restricted to, the following:

- Introduction to WLANs
- RF fundamentals
- RF math
- Antennas and accessories
- Spread spectrum technologies
- WLAN infrastructure devices



- WLAN organizations and standards
- 802.11 network architecture
- MAC and physical layers
- WLAN security
- WLAN site survey and installation

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Working on labs and assignments

Participating in group

discussions completing projects

Presenting ideas to a group writing exams

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Labs and Assignments

Type 1 Value

20

Assessment Type 2

Group Project

Type 2 Value

30

Assessment Type 3

Midterm Exam

Type 3 Value

20

Assessment Type 4

Final Exam

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

None

Required Learning Resources

Faculty will select a contemporary textbook similar to the following: Carpenter, T: Certified Wireless Network Administrator Official Study Guide. McGraw-Hill. Latest edition. This course must be taught in a computer lab.



Does this course require the use of animals?

No

Do library resources in this area need more development? No

Is this course externally accredited?

No

Course Developer(s)

Jendy Wu;

Course Reviser(s)

Mandeep Pannu

Date for Next Review

2030-01-01 Key:

4033



INFO 3240: ENTERPRISE RESOURCE PLANNING SYSTEMS

In Workflow

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4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
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Approval Path

1. Tue, 25 Feb 2025 22:38:19 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 16:59:48 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:23:11 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 09:12:50 GMT

Viewing: INFO 3240 : Enterprise Resource Planning Systems

Last edit: Mon, 10 Mar 2025 04:33:09 GMT

Changes proposed by: Mandeep Pannu (100302133)

Reviewer Comments

Benjamin Kwan (Benjamin.Kwan) (Fri, 21 Feb 2025 18:29:20 GMT): 5th assignment type is missing

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:46:24 GMT): Earlier comment about 5th assessment type has been addressed by the time this reached SB Curriculum approval level.

Ulrich Paschen (ulrich.paschen) (Mon, 10 Mar 2025 04:33:09 GMT): Added comment about possible equivalent resources based on proponent communication

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

3240

Descriptive Title

Enterprise Resource Planning Systems

Short Title

Enterprise Res Planning System

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the concepts in Enterprise Resource Planning (ERP). They will learn the basis of how integrated information systems such as ERP systems can help companies to optimize business processes. Students also will learn business process modeling, process improvement and ERP implementation. They will explore the role of ERP in electronic commerce. Students will gain hands-on experience through working on an ERP system.

Credits

3

Lecture Hours

3-4

Lab Hours

0

Other Hours

0

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Prerequisites

9 credits from courses in INFO at the 2000 level

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	describe basic business functions such as marketing and sales, supply chain management and human resource
2	explain how the business functional areas are related
3	contrast process-oriented and function-oriented structuring of business functions
4	explain how non-integrated information systems fail to support business functions
5	show how integrated information systems can help to improve business processes, data accuracy and consistency
6	develop Event Processing Chain (EPC) diagrams of business processes
7	develop process improvement suggestions
8	discuss the key issues in managing an ERP implementation project
9	use an ERP software package

Content will include, but is not restricted to, the following:

- Business functions, processes and data requirements
- Development of ERP systems
- Marketing and sales order processes with ERP
- Production and supply chain management processes with ERP



- Human resources processes with ERP
- Processes modeling Processes improvement
- ERP implementation
- ERP and electronic commerce

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

attending lectures and taking notes
 working on exercises and assignments
 participating in group discussions
 analyzing case studies
 completing design and implementation projects using real-world scenarios
 presenting ideas to and meeting challenges from the class

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Quizzes

Type 1 Value

10

Assessment Type 2

Assignments

Type 2 Value

20

Assessment Type 3

Midterm Exam

Type 3 Value

20

Assessment Type 4

Project

Type 4 Value

20

Assessment Type 5

Final Exam

Type 5 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment None



Required Learning Resources

Ellen Monk and Bret Wagner. Concepts in Enterprise Resource Planning. Course Technology. Massachusetts. Latest edition. or equivalent resource.

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

No

Course Developer(s)

Andy Law;

Course Reviser(s)

Mandeep Pannu

Date for Next Review

2027-09-01 Key:

4039

INFO 3245: MOBILE PROGRAMMING

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
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Approval Path

1. Tue, 25 Feb 2025 22:38:46 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 17:01:15 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:23:55 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 09:21:10 GMT

Viewing: INFO 3245 : Mobile Programming
Last edit: Wed, 26 Feb 2025 17:00:52 GMT

Changes proposed by: Mandeep Pannu (100302133)

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

3245

Descriptive Title

Mobile Programming

Short Title

Mobile Programming

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the skills for developing Android-based mobile applications. They will be introduced to the basics of wireless technologies associated with a smartphone such as cellular networks, Wi-Fi networks, satellite networks, and GPS systems. They will

KPU



learn the Android fundamentals and the methods for designing and developing Android software programs for database, audio, video and communication applications.

Credits

3

Lecture Hours

3-4

Contact Hours

3-4

Is this course repeatable for additional credit?

No

Prerequisites

All of (a) 9 credits from courses in INFO at the 2000 level and (b) INFO 2313 or CPSC 1204

Schedule Types**Schedule Type**

Class/Lab

Course Attributes**Course Registration Restrictions Include**

Undergraduate

Course Learning Outcomes**A student who successfully completes the course will have reliably demonstrated the ability to:**

- | | |
|---|--|
| 1 | Explain the basic concepts of smartphone-related wireless technologies |
| 2 | Design user interfaces for Android applications |
| 3 | Develop Android applications that work with files and databases |
| 4 | Develop Android applications with location-based services |
| 5 | Develop Android applications with multimedia capabilities |
| 6 | Develop Android applications with communication capabilities |

Content will include, but is not restricted to, the following:

- Wireless Technologies on Smartphones
- Cellular networks
- Wi-Fi networks
- Satellites
- Geolocation and GPS
- Basics of Android Application Development
- Development tools
- Creating applications and activities
- User interfaces
- Intents, broadcast receivers, adapters, and the Internet
- Files, saving state, and preferences
- Databases and content providers
- Maps, geocoding, and location-based services
- More on Android Application Development
- Working in the background
- Invading the phone-top
- Audio, video, and using the camera
- Telephony and Short Message Service (SMS)
- Bluetooth, networks and Wi-Fi



Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- Hands-on labs for Android application development
- Working with wireless technologies like Wi-Fi, GPS, and Bluetooth
- Designing and implementing user interfaces for mobile apps
- Developing background processes and communication

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Labs

Type 1 Value

20

Assessment Type 2

Group Term Project and Presentations

Type 2 Value

30

Assessment Type 3

Midterm Exam

Type 3 Value

20

Assessment Type 4

Final Exam

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

None

Required Learning Resources

Faculty will select a contemporary textbook similar to the following:
Meier, R. Professional Android 2 Application Development. Wrox. Latest edition.

This course must be taught in a computer lab.

Does this course require the use of animals? No

Do library resources in this area need more development?

No



Is this course externally accredited? No

Course **Reviser(s)**

Mandeep Pannu

Date for Next Review

2030-01-01 Key:

4041

INFO 3250: CONTENT MANAGEMENT AND INFORMATION ARCHITECTURE

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (landon.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:39:06 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 17:02:16 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:24:22 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 09:23:28 GMT

Viewing: INFO 3250 : Content Management and Information Architecture

Last edit: Mon, 10 Mar 2025 04:35:22 GMT

Changes proposed by: Mandeep Pannu (100302133)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:51:53 GMT): There is only one required Learning Resource, and that is specific to Microsoft Sharepoint. There is no other reference in the Course Outline to Microsoft Sharepoint. Are other resources possible? If so, please add a remark opening this requirement up to equivalencies.

Ulrich Paschen (ulrich.paschen) (Mon, 10 Mar 2025 04:35:36 GMT): Added comment about possible equivalent resources based on proponent communication

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

3250

Descriptive Title

Content Management and Information Architecture

Short Title

Content Mgmt & Info Architec.

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the concepts of content management and information architecture. They will learn to apply the enterprise content management (ECM) methodology for managing digital assets, records, and knowledge throughout an organization. They will learn how to analyze and plan ECM solutions based on an organizations needs and business requirements. Students will also learn to design information architecture and implement taxonomy in organizing content throughout the information life cycle.

Credits

3

Lecture Hours

3,4

Lab Hours

0

Other Hours

0

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Prerequisites

9 credits from courses in INFO at the 2000 level

Schedule Types

Schedule Type

Class/Lab

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Analyze and explain the information needs of enterprises
2	Apply the enterprise content management methodology
3	Describe and identify the major components of content management systems
4	Analyze and design information architecture
5	Implement taxonomy design
6	Manage enterprise records
7	Analyze the key issues in content management projects

Content will include, but is not restricted to, the following:

- Concepts of content management
- Content management methodology
- Major components of a content management system



- Information architecture analysis and design
- Taxonomy design and implementation
- Record management

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- attending lectures and taking notes
- working on exercises and assignments
- participating in group discussions analyzing case studies
- completing a design and implementation project using real-world scenarios
- presenting ideas to and meeting challenges from the class

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

30

Assessment Type 2

Midterm Examination

Type 2 Value

20

Assessment Type 3

Project

Type 3 Value

30

Assessment Type 4

Quizzes

Type 4 Value

20

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

None

Required Learning Resources

Enterprise Content Management with Microsoft SharePoint. Microsoft Press. USA. Latest edition.

Or equivalent resource



Does this course require the use of animals?

No

KPU

Do library resources in this area need more development? No

Is this course externally accredited?

No

Course Developer(s)

Andy Law;

Course Reviser(s)

Mandeep Pannu

Date for Next Review

2030-01-01 Key:

4043

INFO 4105: SEARCH ENGINE PRINCIPLES

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
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4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:39:22 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 17:03:59 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:24:48 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 09:25:21 GMT

Viewing: INFO 4105 : Search Engine Principles
Last edit: Wed, 26 Feb 2025 17:03:44 GMT

Changes proposed by: Mandeep Pannu (100302133)

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

4105

Descriptive Title

Search Engine Principles

Short Title

Search Engine Principles

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the principles of search engines and information retrieval. Information filtering and retrieval drive some of the world's most successful and high-tech businesses. Students will learn various methods of search engine optimization (SEO), ranging

KF U



from theory to implementation. Students will learn how to use tools and methods to perform searches and utilize results effectively. They will also learn how large data sources such as social media affect information retrieval.

Credits
3

Lecture Hours

3,4

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Prerequisites

INFO 3135, plus 9 credits from courses in INFO at the 3000 level.

Schedule Types

Schedule Type

Class/Lab

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|---|
| 1 | Explain search engine and information retrieval principles. |
| 2 | Optimize content (e.g., of a website) to place it higher in the search engine results. |
| 3 | Evaluate precision and recall to improve the effectiveness and efficiency of a search engine. |
| 4 | Analyze the impact of computation and data volume requirements. |
| 5 | Implement information retrieval systems using software development tools. |

Content will include, but is not restricted to, the following:

SEARCH ENGINE AND INFORMATION RETRIEVAL

- In-depth look at the World Wide Web
- Search engines working algorithms
- Search engine filtering and retrieval processes

OPTIMIZE WEBSITE CONTENT FOR SEARCH ENGINES

- Making websites or web applications accessible to search engines
- Keyword targeting and content optimization

CREATING LINK-WORTHY CONTENT AND LINK MARKETING

- Considering the factors that Influence search engine rankings
- Monitoring, measuring, and improving social media search results

OPTIMIZING FOR VERTICAL SEARCH

- Optimizing for local search and product search
- Optimizing for news, blog, and feed search
- Optimizing for mobile, video and multimedia search

IMPLEMENTING SIMPLE INFORMATION RETRIEVAL SYSTEM AND SEO

- Implementing system with inverted index
- Implementing SEO strategies and techniques



TRACKING RESULTS AND MEASURING SUCCESS

- Analyzing and evaluating search results based on precision and recall
- Measuring search results in terms of effectiveness and efficiency

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Complete course assignments (search results analysis, information retrieval algorithm implementation).

Complete a term project.

Participate in class discussions and exercises.

Present the project results to the class.

Write exams.

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

25

Assessment Type 2

Midterm Exam

Type 2 Value

20

Assessment Type 3

Term Project

Type 3 Value

25

Assessment Type 4

Final Exam

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Interview

Product/Portfolio

Required Learning Resources



No textbook is required. The instructor will select a textbook similar to the recommended textbook below.

KFU

Recommended Learning Resources

Christopher D. Manning et al.: Introduction to Information Retrieval, Cambridge University Press. Latest edition.

Stefan Butcher, Charles L. A. Clarke, Gordon V. Cormack Information Retrieval: Implementing and Evaluating Search Engines, MIT Press. Latest edition.

Google Search Documentation: <https://developers.google.com/search/docs>

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

No

Course Developer(s)

Mandeep Pannu;Xing Liu;

Course Reviser(s)

Chinmaya Mahapatra, Hao Ma, Bojiang Ma

Date for Next Review

2030-01-01 Key:

4048

INFO 4110: CLOUD COMPUTING

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
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3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:40:23 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 17:05:12 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:25:16 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 09:27:39 GMT

Viewing: INFO 4110 : Cloud Computing
Last edit: Wed, 26 Feb 2025 17:05:02 GMT

Changes proposed by: Mandeep Pannu (100302133)

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

4110

Descriptive Title

Cloud Computing

Short Title

Cloud Computing

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn cloud computing basics, benefits and limitations, cloud computing technologies (hardware and infrastructure), cloud accessing technologies, cloud storage, standards in cloud computing, software as a service, platform as service and cloud application development.

KF U

**Credits**

3

Lecture Hours

3-4

Contact Hours 3-4

Is this course repeatable for additional credit?

No

Prerequisites

INFO 3390, plus 12 credits from courses at the 3000 level.

Schedule Types**Schedule Type**

Class/Lab

Course Attributes**Course Registration Restrictions** Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|---|
| 1 | Explain the concepts of cloud computing |
| 2 | Select the hardware used in cloud computing |
| 3 | Design the infrastructures of cloud computing |
| 4 | Design mechanisms to access the cloud Design Design and use cloud storage |
| 5 | Design and use cloud storage |
| 6 | Develop cloud applications |

Content will include, but is not restricted to, the following:

- Cloud computing basics
- Hardware and infrastructure
- Accessing the cloud
- Cloud storage
- Emerging standards
- Software as a service
- Platform as service
- Developing cloud applications
- Local clouds and thin clients
- Contemporary practices in cloud computing system design

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Working on labs and assignments

Participating in group discussions

Completing projects

Presenting ideas to a group

Writing exams



Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

20

Assessment Type 2

Group Term Project and Presentations

Type 2 Value

30

Assessment Type 3

Midterm Exam

Type 3 Value

20

Assessment Type 4

Final Exam

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

None

Required Learning Resources

Faculty to select a contemporary textbook similar to the following:

Velte, T. Cloud Computing: A Practical Approach. McGraw Hill. Latest edition.

This course must be taught in a computer lab.

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

No

Course **Reviser(s)**

Mandeep Pannu

Date for Next Review

2030-01-01



Key: 4049

INFO 4115: HUMAN FACTORS AND WEBSITE DESIGN

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
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4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:41:11 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 17:08:35 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:25:29 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 09:29:44 GMT

Viewing: INFO 4115 : Human Factors and Website Design

Last edit: Wed, 26 Feb 2025 17:08:15 GMT

Changes proposed by: Mandeep Pannu (100302133)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:56:55 GMT): The correction in the activities seems counterintuitive, as there are two exams in the course.

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

4115

Descriptive Title

Human Factors and Website Design

Short Title

Human Factors and Web Design

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn computer interface design requirements based on perceptual and cognitive factors; learnability; recall, recognition and retention; speed and accuracy of performance, and apply them in Web design process. They will learn website planning and



design, usability, website navigation design, graphics and color selection, text formatting using cascaded style sheet (CSS), browser compatibility testing and interactivity design using JavaScripts.

Credits

3

Lecture Hours

3-4

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Prerequisites

INFO 3135 plus 9 credits from courses in INFO at the 3000 level

Schedule Types

Schedule Type

Class/Lab

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|----|--|
| 1 | Identify user requirements, including ergonomic criteria |
| 2 | Design user interfaces based on accepted standards and specific user and task requirements |
| 3 | Explain website planning stages |
| 4 | Perform user-centered Web designs |
| 5 | Use Web design tools |
| 6 | Optimize graphics for the Web |
| 7 | Select image formats for the Web |
| 8 | Format texts with CSS |
| 9 | Test browser compatibilities |
| 10 | Develop interactive websites |

Content will include, but is not restricted to, the following:

- Psychological Aspects
- Perception and representation
- Attention and memory constraints
- Methods and Techniques in Interaction Design
- Requirements gathering - User-centered design
- Usability and Evaluation
- Website Planning
- Stages of the planning process
- User-centered design
- Navigation design
- Web Design Tools



- Expression Web
- Dreamweaver
- Graphics, Color and Transparency
- Optimizing graphics for the Web
- Selecting image formats
- Formatting Texts with CSS
- Setting a font-family
- Sizing texts with CSS
- Transforming texts with CSS
- Browser Compatibilities
- Tools to identify browser problems • Browser compatibility applications
- Addressing browser incompatibilities with CSS fixes
- Interactivity
- Interactivity on the Web - JavaScript

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Analyzing cloud computing system architectures

Evaluating cloud computing systems

Completing assignments and a term project

Presenting project results to a group

Writing exam

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

20

Assessment Type 2

Group Term Project and Presentations

Type 2 Value

30

Assessment Type 3

Midterm Exam

Type 3 Value

20

Assessment Type 4

Final Exam

Type 4 Value

30

TOTAL

100

**Grading System - default**

Letter Grades (N)

Methods for Prior Learning Assessment

None

Required Learning Resources

Faculty to select a contemporary textbook similar to the following:

Alexander Dawson, *Distinctive Design: A Practical Guide to a Useful, Beautiful Web*. Wiley.

Jason Beard, *The Principles of Beautiful Web Design*. SitePoint.

The course must be taught in a computer lab.

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

No

Course Developer(s)

Kyungjae Lee

Course Reviser(s)

Mandeep Pannu; Kyungjae Lee

Date for Next Review

2030-01-01 Key:

4050

INFO 4125: WEBSITE AND CLOUD SECURITY

In Workflow

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4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:41:41 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 17:09:49 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:25:04 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 09:31:16 GMT

Viewing: INFO 4125 : Website and Cloud Security
Last edit: Mon, 10 Mar 2025 04:37:59 GMT

Changes proposed by: Mandeep Pannu (100302133)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:59:51 GMT): Is only the listed required learning resource possible? If not, please add a note allowing equivalencies

Ulrich Paschen (ulrich.paschen) (Mon, 10 Mar 2025 04:38:10 GMT): Added comment about possible equivalent resources based on proponent communication

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

4125

Descriptive Title

Website and Cloud Security

Short Title

Website and Cloud Security

Fee Category 2.a.1?

Yes

Calendar Description



Students will learn the core mechanisms and tools for Web and cloud security. They will learn the principles of Web attacks on authentication, users, application servers, data stores, back-end components, application logic and bypassing client side controls. They will learn how to discover and prevent Web security flaws during Web application development and measures to improve Web security. They will also learn how to identify and resolve the security issues specific to public and private clouds.

Credits

3

Lecture Hours

3-4

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Prerequisites

INFO 2411 plus 12 credits from courses in INFO at the 3000 level

Schedule Types

Schedule Type

Class/Lab

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

1	Discover and prevent security flaws in client-side controls, authentications, application servers, data stores, back-end components, application logic
2	Explain legal and ethical issues in Web security
3	Discover Web and cloud security flaws
4	Design mechanisms to prevent Web and cloud attacks
5	Implement mechanisms to prevent Web and cloud attacks
6	Prevent security flaws during Web development

Content will include, but is not restricted to, the following:

- Security issues for Web applications
- Core defense mechanisms
- Bypasses of client-side controls • Prevent attacks on:
 - authentications
 - users
 - application servers
 - data stores
 - back-end components
 - application logics
 - cross-site scriptings
- HTTP parameter pollutions Software and tools for detecting Web and cloud security flaws
- Design and implementation of Web and cloud mechanisms to increase Web and cloud security



- Prevention of security flaws during Web development
- Managing risks in the cloud
- Securing the cloud infrastructure
- Legal and ethical considerations

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Completing assignments and a term project

Presenting project results to a group

Writing exams

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

20

Assessment Type 2

Term Project

Type 2 Value

30

Assessment Type 3

Midterm Exam

Type 3 Value

20

Assessment Type 4

Final Exam

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

None

Required Learning Resources

Stuttard, D. and Pinto, M. The Web Application Hacker's Handbook: Finding and Exploiting Security Flaws. John Wiley. Latest edition.

or equivalent resource

The course must be taught in a computer lab.

Does this course require the use of animals?

No

Do library resources in this area need more development? No

Is this course externally accredited?

No

Course **Reviser(s)**

Mandeep Pannu

Date for Next Review

2030-01-01 Key:

4052

INFO 4370: SECURITY OF WIRELESS SYSTEMS

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:42:35 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 17:10:35 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:25:42 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

Date Submitted: Mon, 03 Feb 2025 09:33:23 GMT

Viewing: INFO 4370 : Security of Wireless Systems
Last edit: Mon, 10 Mar 2025 04:39:23 GMT

Changes proposed by: Mandeep Pannu (100302133)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 02:03:19 GMT): Are any other resources possible? If so, please add a note allowing equivalencies

Ulrich Paschen (ulrich.paschen) (Mon, 10 Mar 2025 04:39:34 GMT): Added comment about possible equivalent resources based on proponent communication

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

4370

Descriptive Title

Security of Wireless Systems

Short Title

Security of Wireless Systems

KPU

**Category 2.a.1? Yes****Calendar Description**

Students will learn about wireless security technologies such as advanced user authentication, robust encryption, and intrusion prevention. They also will learn concepts of wireless discovery, wireless attack identification and monitoring, and wireless security policies and solutions. Students will be required to conduct research and analysis work on a project to solve real-world wireless system security problems in a simulated environment.

Credits

3

Lecture Hours

3,4

Lab Hours

0

Other Hours

0

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Prerequisites

INFO 3180, plus 9 credits from courses in INFO at the 3000 level.

Schedule Types**Schedule Type**

Class/Lab

Course Attributes**Course Registration Restrictions Include**

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|---|
| 1 | Describe methods for target locating and wireless local area network (WLAN) |
| 2 | Mapping to recognize different wireless attacks |
| 3 | Analyze different types of wireless intrusion prevention systems |
| 4 | Analyze different wireless security policies and provide the security solutions |
| 5 | Configure security features on wireless devices |
| 6 | Implement wireless discovery tools and protocol analyzers |

Content will include, but is not restricted to, the following:

- Wireless auditing tools
- Attacks on wireless systems
- Wireless security policies
- Enterprise security
- Authentication
- Encryption
- Virtual private networks (VPN) in wireless systems
- Monitoring and protection of wireless systems



- Centralized wireless architectures
- Contemporary research in wireless security

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending lectures

Working on theoretical and practical assignments

Participating in group discussions

Designing and implementing projects based on real-world scenarios

Presenting ideas to the class

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments (minimum 2)

Type 1 Value

30

Assessment Type 2

Quizzes (minimum 2)

Type 2 Value

10

Assessment Type 3

Midterm Examination

Type 3 Value

30

Assessment Type 4

Project

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

None

Required Learning Resources

Tom Carpenter, Grant Moerschel, Richard Dreger. CWSP Certified Wireless Security Professional Official Study Guide. McGraw Hill.

Latest edition or equivalent resource.

Does this course require the use of animals?



Do library resources in this area need more development? No

Is this course externally accredited?

No

Course Developer(s)

Abhijit Sen

Course Reviser(s)

Mandeep Pannu

Date for Next Review

2030-01-01 Key:

4068

INFO 2412: MANAGEMENT OF INFORMATION SYSTEMS

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 11 Mar 2025 07:27:45 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Tue, 11 Mar 2025 15:02:58 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Tue, 11 Mar 2025 15:21:22 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Mon, 10 Mar 2025 21:21:08 GMT

Viewing: INFO 2412 : Management of Information Systems

Last approved: Mon, 11 Sep 2023 17:51:01

GMT Last edit: Mon, 10 Mar 2025 21:21:07

GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request

Other departments have more relevant course on Management Information System and this has not been offered for a long time.

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

2412

Descriptive Title

Management of Information Systems

Short Title

Management of Info Systems

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn information system management in the global economy. They will learn how to plan information systems and design corporate information technology architectures. Students will also learn how to manage corporate information resources and how to select technologies for developing effective information systems. They will be introduced to issues in managing systems that support knowledge-based work and managing information system security.

Credits

3

Lecture Hours

3-4

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Prerequisites

INFO 1113

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions

Include Undergraduate

Exclude Certificate Degree

Include Information Technology All Field of Study Types

Include Computer Info Systems Intended All Field of Study Types

Include Computer Info Systems All Field of Study Types

Include Information Technol Intended All Field of Study Types

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- 1 Plan information systems
- 2 Design corporate information technology architecture
- 3 Manage corporate information resources
- 4 Select technologies for developing effective systems
- 5 Manage issues in system development
- 6 Manage information system security
- 7 Manage systems that support knowledge-based work
- 8 Explain ethical and social issues in information systems

Content will include, but is not restricted to, the following:

Introduction

- Information systems management in global economy
- Strategic uses of information technology



- Strategic information systems planning
- Ethical and social issues in information systems

Technology Management in Digital Economy

- Corporate information technology architecture design
- Telecommunication management
- Corporate information resource management

System Development Management

- Technologies for developing effective systems
- Management issues in system development Information security management

Systems for Supporting Knowledge-Based Work

- Support for information-centric decision making
- Support for information technology enabled collaboration
- Support for knowledge work

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending classes

Working on assignments and projects

Participating in group discussions

Presenting course work to a group

Writing exams

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments and Case Studies

Type 1 Value

20

Assessment Type 2

Project and Presentation

Type 2 Value

25

Assessment Type 3

Midterm Exam

Type 3 Value

25

Assessment Type 4

Final Exam

Type 4 Value

30

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Interview

Required Learning Resources

Faculty will select a contemporary textbook on the subject similar to the following:

McNurlin, B. and Sprague, R. Information Systems Management In Practice. Prentice Hall. Latest Edition.

Does this course require the use of animals?

No

Date for Next Review

2028-09-01 Key:

4021

INFO 3120: WEB PROGRAMMING WITH JAVA

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:36:22 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 00:12:44 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Wed, 26 Feb 2025 16:52:47 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Fri, 21 Feb 2025 18:39:27 GMT

Viewing: INFO 3120 : Web Programming with Java

Last approved: Mon, 11 Sep 2023 17:54:59

GMT Last edit: Fri, 21 Feb 2025 18:39:27 GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request The department no longer offer this course.

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:41:37 GMT): Justification should be a bit more descriptive - why does the department no longer offer this course?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

3120

KPU



Short Title

Web Programming with JAVA

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the syntax, resources and utilities package of Java related to web applications. Students will also examine web design principles, apply their knowledge to construct web components, including Java Server Pages (JSP), Servlets and JavaBeans for both Internet and Intranet environments, and implement dynamic web applications using a Java web server and a relational database management system.

Credits

3

Lecture Hours

3,4

Lab Hours

0

Other Hours

0

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Prerequisites

30 credits from courses at the 1100 level or higher, or permission of the instructor.

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|--|
| 1 | Install and configure a Java web server to work with a relational database management system |
| 2 | Develop JSPs, Servlets and JavaBeans, and to deploy them in a dynamic web application using the model 2 architecture |
| 3 | Design web pages to restrict access to web resources |
| 4 | Implement secure connection using SSL |
| 5 | Use JavaMail to send email from within a Java web application |
| 6 | Present and evaluate different web application design options |

7	Identify and resolve Java programming problems
8	Monitor and fine tune web application performance

Content will include, but is not restricted to, the following:

- Installing and configuring Tomcat server for Java web application development
- Developing Java Server Pages, Servlets and JavaBeans
- Structuring a web application using the model 2 architecture
- Implementing session tracking with Cookies
- Passing parameters with URL rewriting and hidden fields
- Working with built-in tags
- Developing custom tags for meeting specific needs
- Manipulating data stored in a RDBM and to make use of a connection pool for improving application performance
- Using JavaMail to send email
- Enabling a secure connection using SSL
- Working with XML in a web

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

attending lectures and taking notes
 working on hands-on labs and assignments
 participating in group discussions
 analyzing case studies
 completing design and implementation projects using real-world scenarios
 presenting ideas to and meeting challenges from the class

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Project

Type 1 Value

20

Assessment Type 2

Assignments or Labs (minimum 2)

Type 2 Value

20

Assessment Type 3

Midterm Examination

Type 3 Value

30

Assessment Type 4

Final Examination

Type 4 Value

30

TOTAL

100

KPU

Grading System - default



Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam
Demonstration
Interview
Product/Portfolio

Required Learning Resources

Andrea Steelman and Joel Murach. Murach's Java Servlets and JSP. Mike Murach & Associates, California. Latest edition

Recommended Learning Resources

Bryan Basham, Kathy Sierra, and Bert Bates. Head First Servlets and JSP, O'Reilly Media, California. Latest edition

Does this course require the use of animals?

No

Date for Next Review

2028-09-01 Key:

4025

INFO 3160: NETWORK OPERATING SYSTEMS

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:36:33 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 00:12:48 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Wed, 26 Feb 2025 16:53:58 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Fri, 21 Feb 2025 18:40:06 GMT

Viewing: INFO 3160 : Network Operating Systems

Last approved: Mon, 11 Sep 2023 17:57:27

GMT Last edit: Fri, 21 Feb 2025 18:40:05 GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request

The department no longer offer this course

Reviewer Comments

Ashley Allison (ashley.allison) (Wed, 26 Feb 2025 16:53:51 GMT): Note that INFO 4250 includes INFO 3160 as a prerequisite recommend updating this.

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:41:26 GMT): Justification should be a bit more descriptive - why does the department no longer offer this course?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

KPU



Course Number
3160

Descriptive Title

Network Operating Systems

Short Title

Network Operating Systems

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the principles, techniques and strategies used in planning, installing, testing, and administering a server operating system. The course covers creating and managing users using Active Directory, installing and configuring Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), Printer Server, Internet Information Services (IIS), Web Server, and a Virtual Private Network (VPN). Students will be required to plan, design, and install an application server simulating real-world scenarios. Students will have hands-on experience in installing, troubleshooting, fine-tuning, and administering a server operating system.

Credits

3

Lecture Hours

3-4

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Prerequisites

Acceptance into Bachelor of Technology in Information Technology

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- 1 Install and configure server operating systems
- 2 Create and manage users using Active Directory
- 3 Connect workstations as clients of the server
- 4 Configure user roaming profiles and mandatory profiles
- 5 Install and configure DNS, DHCP, and IIS servers
- 6 Install, configure and publish printer servers to workstation clients
- 7 Establish system performance monitoring baselines
- 8 Monitor server network performances



- 9 Fine-tune server performances
- 10 Install and run VPNs

Content will include, but is not restricted to, the following:

- Installing, updating and configuring server operating systems
- Creating and managing users and groups using Active Directory
- Managing shared files using Access Control List (ACL) and New Technology File System (NTFS)
- Implementing server group policies using Active Directory and Group Policy Object (GPO)
- Managing system disk storages and system recoveries
- Installing and configuring IIS web servers
- Enabling server remote desktop consoles
- Managing server network services using DHCP and DNS
- Using network monitoring tools
- Installing and configuring network printer servers
- Creating system performance baselines and monitoring system performances
- Configuring VPNs

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- Attending classes
- Working on lab assignments
- Participating in group discussions
- Completing projects
- Presenting ideas to a group
- Writing exams

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

20

Assessment Type 2

Group Term Project and Presentations

Type 2 Value

30

Assessment Type 3

Midterm Exam

Type 3 Value

20

Assessment Type 4

Final Exam

Type 4 Value

**Grading System - default**

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Interview

Required Learning Resources

Faculty will select a contemporary textbook similar to the following:

- Smyth, N. Windows Server 2008 Essentials. Techotopia.com. Latest edition.

The course must be taught in a computer lab.

Does this course require the use of animals?

No

Date for Next Review

2028-09-01 Key:

4030

INFO 3210: DISTRIBUTED SYSTEMS

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:37:06 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 00:12:51 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Wed, 26 Feb 2025 16:54:07 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Fri, 21 Feb 2025 18:40:35 GMT

Viewing: INFO 3210 : Distributed Systems

Last approved: Mon, 11 Sep 2023 18:12:20

GMT Last edit: Fri, 21 Feb 2025 18:40:34 GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request

The department no longer offer this course

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:44:14 GMT): Justification should be a bit more descriptive - why does the department no longer offer this course?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

**Course Number**

3210

Descriptive Title

Distributed Systems

Short Title

Distributed Systems

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn principles, techniques and strategies used in design and implementation of distributed applications and system solutions that are robust, scalable, and secure. Students focus on modeling distributed systems and building distributed objects using .NET framework. Students will be required to develop a distributed business solution using C# and .NET Remoting.

Credits

3

Lecture Hours

3,4

Lab Hours

0

Other Hours

0

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Prerequisites

Acceptance into 3rd year of the BTech program.

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions Include**

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Design distributed systems which are robust, scalable, and secure
2	Model distributed applications using interfaces, facades, and factories
3	Create responsive clients and scalable servers with multithreading
4	Master stateless programming and other best practices for distributed applications
5	Implement distributed objects as middleware to facilitate robust and scalable applications
6	Create distributed data components using ADO.NET and .NET Remoting technologies
7	Implement a scalable server hosting business objects

8 Connect a client to a remote server using TCP/HTTP communication channel

9 Develop a complete distributed application using .NET Remoting and C#

Content will include, but is not restricted to, the following:

1) Understanding of Distributed Application Development

- Distributed Architectures
- Benefits of Distributed Application Development
- Challenge of Application Development

2) Evolution of Distributed Technologies

- DCE/RPC
- CORBA
- DCOM
- MTS/COM+
- Java RMI
- Java EJB
- SOAP/XML-RPC
- .NET Remoting

3) Building Distributed Objects

- Creating a Remote Object
- Creating Server Activated Objects
- Creating Client Activated Objects
- Using Factory Design Pattern to create a CAO Factory
- Creating a Remote Client

4) Hosting Distributed Objects

- Choosing a Hosting Communication Channel (TCP vs. HTTP)
- Hosting Remote Objects by Windows Services or IIS
- Controlling a Remote Object's Lifetime

5) Creating Data Centric Distributed Objects

- Creating Coarse Grained Distributed Objects
- Creating Fine Grained Distributed Objects
- Accessing Remote Database Objects using ADO.NET

6) Securing Distributed Objects

- Implementing Custom Authentication
- Implementing Object Authorization
- Introducing Data Encryption to Distributed Objects
- Securing Distributed Data Objects using IIS Server Security
- Supporting Data Encryption

7) Implementing a Distributed Solution

- Choosing a Client Application Domain
- Obtaining the Server's Metadata
- Marshalling Remote Object References
- Deploying a Distributed Application

8) Implementing Object Authorization

- Introducing Data Encryption to Distributed Objects
- Securing Distributed Data Objects using IIS Server Security
- Supporting Data Encryption

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending lectures and taking notes

Working on assignments

Participating in group discussions

Analyzing case studies

Reviewing journal articles

Presenting materials to a group

Working on a group project

Attending group meetings

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

25

Assessment Type 2

Midterm/Quizzes

Type 2 Value

15

Assessment Type 3

Project

Type 3 Value

20

Assessment Type 4

Oral Presentation

Type 4 Value

5

Assessment Type 5

Participation

Type 5 Value

10

Assessment Type 6

Final Examination

Type 6 Value

25

TOTAL

100

Grading System - default



Letter Grades (N)

Methods for Prior Learning Assessment

Demonstration

Interview

Product/Portfolio

Required Learning Resources

The text or equivalent is required Rammer, Ingo and Szpuszta, Mario, Advanced .NET Remoting, New York: Apress. Latest Edition.



The course must be taught in the computer lab equipped with the latest version of Visual Studio.NET and Rational Rose Enterprise Suite.

Does this course require the use of animals?

No

Date for Next Review

2028-09-01 Key:

4034

INFO 3230: ADVANCED OBJECT-ORIENTED APPLICATION DEVELOPMENT

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:37:15 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 00:12:54 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Wed, 26 Feb 2025 16:54:12 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 12, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Fri, 21 Feb 2025 18:41:24 GMT

Viewing: INFO 3230 : Advanced Object-Oriented Application Development

Last approved: Tue, 12 Sep 2023 03:03:20

GMT Last edit: Fri, 21 Feb 2025 18:41:23

GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request

The department no longer offer this course

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:45:04 GMT): Justification should be a bit more descriptive - why does the department no longer offer this course?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

**Course Number**

3230

Descriptive Title

Advanced Object-Oriented Application Development

Short Title

Advd.Object-Orient.Appl.Devlp

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn to use object-oriented methodology to analyze, design and implement real-world software applications. Students will learn the best practices for iterative software development recommended by the Unified Process (UP). Student will learn the advanced features of the Unified Modeling Language (UML) in modeling distributed software applications. Students also will learn the concepts of software design patterns and how these patterns can be used to create flexible and extensible software.

Credits

3

Lecture Hours

3,4

Lab Hours

0

Other Hours

0

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions Include**

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|---|
| 1 | Describe the conceptual background for UP in software development |
| 2 | Identify the core workflows for UP and their artifacts |
| 3 | Describe the relationship between UP and UML |
| 4 | Apply both basic and advanced UML techniques in software modeling |
| 5 | Use current UML and UP tools to analyze and design software application |
| 6 | Understand the concepts of design patterns |
| 7 | Apply some common design patterns in software design |



Content will include, but is not restricted to, the following:

- Object-oriented analysis and design
- Business-driven, iterative software development
- Unified Process and its structure and elements: phases and iterations
- Software architecture and modeling
- Unified Modeling Language
- Distributed software application modeling
- Software design patterns

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending lectures and taking notes

Working on exercises and assignments

Implementing a group project

Participating in group discussions

Analyzing case situations

Presenting ideas to and meeting challenges from the class

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments/Exercises/Quizzes (minimum 4)

Type 1 Value

40

Assessment Type 2

Midterm Examination

Type 2 Value

30

Assessment Type 3

Project

Type 3 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Interview

Product/Portfolio

Required Learning Resources

Ahmad K. Shuja, Jochen Krebs. IBM Rational Unified Process Reference and Certification Guide: Solution Designer (RUP). IBM Press, Boston, MA. Latest Edition.

**Recommended Learning Resources**

Russell Miles and Kim Hamilton. Learning UML 2.0. O'Reilly Media, Cambridge, MA. Latest Edition.

Does this course require the use of animals?

No

Date for Next Review

2028-09-01 Key:

4037

INFO 3241: IDENTITY MANAGEMENT

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:38:31 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 00:12:57 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Wed, 26 Feb 2025 16:54:20 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Fri, 21 Feb 2025 18:41:48 GMT

Viewing: INFO 3241 : Identity Management

Last approved: Mon, 11 Sep 2023 18:23:36

GMT Last edit: Fri, 21 Feb 2025 18:41:47 GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request

The department no longer offer this course

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:47:00 GMT): Justification should be a bit more descriptive - why does the department no longer offer this course?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

3241

**Descriptive Title**

Identity Management

Short Title

Identity Management

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the fundamental concepts of digital identity management. They will learn the concepts of digital identity, digital identity lifecycles, digital rights management and identity management architecture building. They will also examine industrial software and tools and use them to build identity management systems.

Credits

3

Lecture Hours

3-4

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Prerequisites

INFO 3160

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions Include**

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Explain the concepts of digital identity
2	Explain the identity lifecycles
3	Define identity policies
4	Manage authentication and access control systems
5	Manage names and directories
6	Manage user digital rights in a system
7	Design identity processes and data architectures
8	Build identity management systems

Content will include, but is not restricted to, the following:

- Introduction to digital identity
- Privacy and identity
- Digital identity lifecycles
- Authentication
- Access control

- Names and directories



- Digital rights management
- Architecture for digital identity
- Identity maturity models and process architectures
- Identity data architectures
- Interoperability frameworks for identity
- Identity policies
- Identity management reference architectures
- Construction of identity management architectures

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Working on assignments and a term project

Participating in group discussions

Completing projects

Planning and delivering group presentations

Writing exams

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

20

Assessment Type 2

Term Project and Presentation

Type 2 Value

30

Assessment Type 3

Midterm Exam

Type 3 Value

20

Assessment Type 4

Final Exam

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Interview

Required Learning Resources

Windley, P. Digital Identity. O'Reilly. Latest edition.



This course must be taught in a computer lab

Does this course require the use of animals?

No

Date for Next Review

2028-09-01 Key:

4040

INFO 3246: MOBILE PROGRAMMING II

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:38:53 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 00:12:59 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Wed, 26 Feb 2025 16:54:30 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Fri, 21 Feb 2025 18:42:13 GMT

Viewing: INFO 3246 : Mobile Programming II

Last approved: Mon, 11 Sep 2023 18:24:58

GMT Last edit: Fri, 21 Feb 2025 18:42:12 GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request

The department no longer offer this course

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:48:54 GMT): Justification should be a bit more descriptive - why does the department no longer offer this course?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

3246

**Descriptive Title**

Mobile Programming II

Short Title

Mobile Programming II

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn software application development for iOS, the mobile operating system from Apple Inc. They will be introduced to programming in Objective-C and will learn the skills in designing, developing and deploying different types of mobile applications for both iPad and iPhone.

Credits

3

Lecture Hours

3-4

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions Include**

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Explain the architecture of iPhone/iPad hardware
2	Explain the iOS Architecture
3	Develop iOS mobile applications using storyboarding
4	Develop iOS mobile applications with different user interfaces
5	Develop iOS mobile applications with database support
6	Develop iOS mobile 2D graphics applications
7	Develop iOS mobile applications requiring location information
8	Develop iOS mobile applications that use the built-in camera

- | | |
|---|--|
| 1 | Explain the architecture of iPhone/iPad hardware |
| 2 | Explain the iOS Architecture |
| 3 | Develop iOS mobile applications using storyboarding |
| 4 | Develop iOS mobile applications with different user interfaces |
| 5 | Develop iOS mobile applications with database support |
| 6 | Develop iOS mobile 2D graphics applications |
| 7 | Develop iOS mobile applications requiring location information |
| 8 | Develop iOS mobile applications that use the built-in camera |

Content will include, but is not restricted to, the following:

- iOS architecture and SDK frameworks
- Overview of the iOS application development architecture
- Xcode storyboarding (iPhone iOS)
- iOS Table View application
- iOS file system directories
- iOS database implementation using SQLite
- iOS multitouch, taps and gestures

- iOS 2D graphics
- iOS multitasking



- Location information
- iOS camera and photo library

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending classes

Completing assignments and a term project

Presenting project results to a group

Writing exams

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

30

Assessment Type 2

Quiz

Type 2 Value

10

Assessment Type 3

Midterm Exam

Type 3 Value

30

Assessment Type 4

Term Project

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Interview

Product/Portfolio

Required Learning Resources

Faculty will select a contemporary textbook similar to the following:

Joe Conway & Aaron Hillegass, iOS Programming, The Big Nerd Ranch Guide, Latest Edition Students

taking this course must have a MacBook computer.

This course must be taught in a computer lab.



Does this course require the use of animals?

No

Date for Next Review

2028-09-01 Key:

4042

INFO 3290: VIRTUALIZATION

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:39:13 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 00:13:02 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Wed, 26 Feb 2025 16:54:38 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Fri, 21 Feb 2025 18:42:46 GMT

Viewing: INFO 3290 : Virtualization

Last approved: Mon, 11 Sep 2023 18:27:14

GMT Last edit: Fri, 21 Feb 2025 18:42:45 GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request

The department no longer offer this course

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 01:52:51 GMT): Justification should be a bit more descriptive - why does the department no longer offer this course?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

3290

KPU



Short Title

Virtualization

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the fundamentals of virtualization. They will learn the internals of a Virtual Machine (VM), how to install and deploy VM Applications on desktop computers and enterprise servers, back up and recovering VMs, use virtual file systems, implement failover clusters, create load-balanced clusters, build VM clusters. They will also be introduced to storage networking and storage virtualization, and virtualized information systems.

Credits

3

Lecture Hours

3-4

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Explain the principles of Virtual Machines (VMs)
2	Prepare VM hosts
3	Installing VM applications on desktop computers
4	Deploying and managing VMs on desktop computers
5	Installing and deploying VMs on enterprise servers
6	Deploying and managing production VMs on enterprise servers
7	Backing up and recovering VMs
8	Using virtual file systems
9	Implementing failover clusters
10	Creating load-balanced clusters
11	Building VM clusters

Content will include, but is not restricted to, the following:

- Anatomy of Virtual Machines (VMs)
- Preparing VM hosts
- Installing VM applications on desktop computers
- Deploying and managing VMs on desktop computers



- Installing and deploying VMs on enterprise servers
- Deploying and managing production VMs on enterprise servers
- Backing up and recovering VMs
- Using virtual file systems
- Implementing failover clusters
- Creating load-balanced clusters
- Building VM clusters
- Virtualizing storages
- Virtualized information systems

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending classes

Working on assignments and a term project

Participating in group discussions

Completing projects

Presenting ideas to a group

Writing exams

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

20

Assessment Type 2

Term Project and Presentation

Type 2 Value

30

Assessment Type 3

Midterm Exam

Type 3 Value

20

Assessment Type 4

Final Exam

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)



Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Interview

KPU

Required Learning Resources

Faculty to select a textbook similar to the following:

Wolf, C. and Halter, E. M. Virtualization From the Desktop to the Enterprise. Apress. Latest edition.

This course must be taught in a computer lab.

Does this course require the use of animals?

No

Date for Next Review

2018-01-01 Key:

4046

INFO 4210: HUMAN FACTORS AND COMPUTER INTERFACE DESIGN

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:41:51 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 00:13:05 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Wed, 26 Feb 2025 16:54:47 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Fri, 21 Feb 2025 19:18:50 GMT

Viewing: INFO 4210 : Human Factors and Computer Interface Design

Last approved: Mon, 11 Sep 2023 18:32:29

GMT Last edit: Fri, 21 Feb 2025 19:18:49 GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request The department no longer offer this course.

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 02:00:09 GMT): Justification should be a bit more descriptive - why does the department no longer offer this course?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

4210

**Descriptive Title**

Human Factors and Computer Interface Design

Short Title

Human Factor & Comp Inter Des

Fee Category 2.a.1?

Yes

Calendar Description

Students will study procedures for analyzing human-computer interaction (HCI) and will translate this information into design criteria. They will learn to ensure that computer interface design specifications meet end-user requirements for perceptual and cognitive factors; learnability; recall, recognition and retention; speed and accuracy of performance; cultural factors; and job satisfaction. They will identify task and system requirements and perform usability testing methodologies for both desktop and small screen interfaces.

Credits

3

Lecture Hours

3-4

Lab Hours

0

Other Hours

0

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Prerequisites

12 credits from courses in INFO at the 3000 level, and acceptance into 3rd year of the BTech program.

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions Include**

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|--|
| 1 | Identify user requirements including ergonomic criteria |
| 2 | Design user interfaces based on accepted standards and specific user/task requirements |
| 3 | Apply tools for human-computer interaction (HCI) design |
| 4 | Address cultural and international issues in HCI |
| 5 | Apply procedures for evaluating usability of HCI designs |



Content will include, but is not restricted to, the following:

1. Introduction to HCI

- What is HCI
- Components of HCI
- Ergonomic issues in HCI

2. Psychological Aspects

- Perception and representation
- Attention and memory constraints
- Knowledge and mental models
- Interface metaphors and conceptual models

3. Technology Aspects

- Input devices
- Output devices
- Interaction styles
- Designing windowing systems
- User support and on-line information wireless design and development tools
- Designing for collaborative work and virtual environments

4. Methods and Techniques in Interaction Design

- Principles of user-centered design
- Methods for user-centered design
- Requirements gathering
- Task analysis
- Structured HCI design
- Envisioning design

5. Supports for Interaction Design

- Supporting design
- Guidelines: principles and rules
- Cultural and international issues
- Standards and metrics
- Design rationale
- Prototyping
- Software support

6. Usability and Evaluation

- Role of evaluation
- Usage data
- Experiments and benchmarking
- Interpretive evaluation
- Predictive evaluation
- Comparing methods

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Designing and completing individual or group projects

Analyzing case situations

Demonstrating expertise by writing regular quizzes

Conducting research related to individual or group projects

Participating in group discussions

Presenting ideas to and meeting challenges from the class

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

**Assessment Type 1**

Assignments and Quizzes

Type 1 Value

20

Assessment Type 2

Group Project

Type 2 Value

30

Assessment Type 3

Midterm Exam

Type 3 Value

20

Assessment Type 4

Final Exam

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Demonstration

Interview

Product/Portfolio

Required Learning Resources

J. Preece, Y. Rogers, H. Sharp. Interaction Design, San Francisco, John Wiley and Sons, Latest Edition.

This course must be taught in the computer lab equipped with MS FrontPage, Macromedia Dreamweaver, Adobe Illustrator and Adobe Photoshop.

Recommended Learning Resources

M. Holmes. Web Usability and Navigation, Toronto, McGraw-Hill: Osborne, Latest Edition.

Does this course require the use of animals?

No

Date for Next Review

2028-09-01 Key:

4054

INFO 4225: ANIMATIONS

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:41:56 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 00:13:07 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Wed, 26 Feb 2025 16:54:51 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Fri, 21 Feb 2025 18:44:21 GMT

Viewing: INFO 4225 : Animations

Last approved: Mon, 11 Sep 2023 18:33:21

GMT Last edit: Fri, 21 Feb 2025 18:44:20 GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request

The department no longer offer this course

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 02:01:06 GMT): Justification should be a bit more descriptive - why does the department no longer offer this course?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

4225

Descriptive

Animations

Title

Short Title

Calendar Description

Students will learn the skills of using professional software to create animations for Web applications. They will learn simple and complex graphics, graphics on multiple layers, symbols and basic animation, motion and shape Tweening, buttons and actions, and action programming.

Credits

3

Lecture Hours

3-4

Contact Hours

3-4

Is this course repeatable for additional credit?

No

Prerequisites

INFO 3225

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|---|
| 1 | Create layered graphics using a professional software |
| 2 | Import existing graphics into a professional software |
| 3 | Create animations using a professional software |
| 4 | Program using action scripts |
| 5 | Deploy animations in Web applications |

Content will include, but is not restricted to, the following:

- Flash Basics
 - Flash environment
 - Timelines, graphics and colors
- Graphics Modification
 - Flipping, rotating, skewing and distorting
 - More graphics on a single layer
 - Grouping and stacking objects
- Graphics on Multiple Layers
 - Create graphics on multiple layers
 - Organize layers and working with different types of layers



- Non-Flash Graphics
 - Import non-Flash graphics
 - Turn raster graphics into vector graphics
- Symbols and Basic Animations
 - Create, modify and use symbols
 - Create frame-by-frame animations with proper frame rate
- Motion and Shape Tweening
 - Animate with motion tweening
 - Move objects along a path you define
 - Morph shapes into other shapes
- Complex Animations
 - Create scenes
 - Reverse frames
- Actions and Buttons
 - Actions panel and action scripting
 - Add actions to frames
 - Create buttons and assign actions to buttons
- Flash Delivery
 - Create HTML pages to play Flash files
 - Create standalone .exe Flash projectors

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending classes

Working on assignments

Participating in group discussions

Completing a group project

Presenting ideas to a group

Writing exams

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

20

Assessment Type 2

Term Project and Presentation

Type 2 Value

30

Assessment Type 3

Midterm Exam

Type 3 Value

20



Assessment Type 4

Final Exam

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Interview

Product/Portfolio

Required Learning Resources

Faculty will select a textbook similar to the following:

Ulrich, K. Flash Professional CS5 for Windows and Macintosh: Visual QuickStart Guide. Peachpit Press. Latest edition.

This course must be taught in a computer lab.

Does this course require the use of animals?

No

Date for Next Review

2028-09-01 Key:

4056



INFO 4320: SOFTWARE QUALITY ASSURANCE

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:42:11 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 00:13:10 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Wed, 26 Feb 2025 16:54:57 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Fri, 21 Feb 2025 19:20:13 GMT

Viewing: INFO 4320 : Software Quality Assurance

Last approved: Mon, 11 Sep 2023 18:37:26

GMT Last edit: Fri, 21 Feb 2025 19:20:12 GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request

The department no longer offer this course

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 02:01:32 GMT): Justification should be a bit more descriptive - why does the department no longer offer this course?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

4320

KPU

Descriptive Title

Software Quality Assurance

Short Title

Software Quality Assurance

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the essential features involved developing timely, cost-effective and high quality software products that meet the user's requirements. They will examine the effective deployment of quality assurance procedures throughout the entire software development process. Other topics covered in this course will include: the concepts of Total Quality Management (TQM), development of quality assurance plans, implementation of verification and validation functions, selection of tools to support quality assurance, application of software metrics to measure quality, and the International Standards Organization (ISO) certification process.

Credits

3

Lecture Hours

3

Lab Hours

0

Other Hours

0

Contact Hours

3

Is this course repeatable for additional credit?

No

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions Include**

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Develop comprehensive quality assurance plans
2	Evaluate and implement standards and procedures
3	Plan, control and implement software quality assurance measures
4	Apply tools, methods and techniques to enhance software quality
5	Validate and verify software systems
6	Validate system and user documentation
7	Identify configuration management activities and techniques
8	Utilize TQM tools in software quality assurance activities

Content will include, but is not restricted to, the following:

- concepts of Software Quality, Software Quality Models and TQM



- background on ISO 9000 and the use of ISO 9001 with software development
- interpreting the requirements in ISO 9001 for software development and maintenance
- building a quality system for software
- the quality system and the life cycle
- the role of Quality Assurance (QA) groups in developing the QA function
- system review priorities: allocating QA time
- QA review of an application system
- initiating system reviews
- conducting a QA review
- reviewing the adequacy of application controls
- QA review techniques and reporting QA results
- verification, validation and testing
- improving software maintenance
- metrics - a tool for defining and measuring quality
- measuring computer system reliability
- testing tools and techniques
- configuration management and systems auditing

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending lectures and taking notes

Working on assignments and projects

Participating in group discussions

Analyzing case studies

Presenting ideas to and meeting challenges from the class

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Projects and case studies

Type 1 Value

30

Assessment Type 2

Assignments

Type 2 Value

10

Assessment Type 3

Midterm Examination

Type 3 Value

30

Assessment Type 4

Term Project

Type 4 Value

30

TOTAL

100

KPU**Grading System - default**

Letter Grades (N)

Methods for Prior Learning Assessment

Demonstration

Interview

Product/Portfolio

Required Learning Resources

Perry, William, Quality Assurance for Information Systems : Methods Tools, and Techniques, John Wiley & Son, Latest Edition.

Oskarsson, Osten and Robert Glass, An Iso 9000 Approach to Building Quality Software, Prentice Hall, Latest Edition.

Schulmeyer, Gordon and James McManus, Handbook of Software Quality Assurance, Van Nostrand Reinhold, Latest Edition.

Does this course require the use of animals?

No

Date for Next Review

2028-09-01 Key:

4063

INFO 4350: WIRELESS TECHNOLOGIES AND PROGRAMMING

In Workflow

1. Information Technology Chair (mandeep.pannu@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (london.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Tue, 25 Feb 2025 22:42:17 GMT
Mandeep Pannu (Mandeep.Pannu): Approved for Information Technology Chair
2. Wed, 26 Feb 2025 00:13:12 GMT
Heather Harrison (Heather.Harrison): Approved for SB Dean
3. Wed, 26 Feb 2025 16:55:01 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Fri, 21 Feb 2025 18:47:16 GMT

Viewing: INFO 4350 : Wireless Technologies and Programming

Last approved: Mon, 11 Sep 2023 18:39:21

GMT Last edit: Fri, 21 Feb 2025 18:47:16 GMT

Changes proposed by: Benjamin Kwan (009238737)

Justification for this discontinuation request

The department no longer offer this course

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 02:02:05 GMT): Justification should be a bit more descriptive - why does the department no longer offer this course?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Information Technology

Implementation Date

Fall 2025

Subject Code

INFO - Information Technology

Course Number

4350

Descriptive Title

**Short Title**

Wireless Technologies&Progming

Fee

Category 2.a.1? Yes

Calendar Description

Students will learn the concepts and principles of wireless technologies, wireless devices, wireless signals, wireless networks and wireless access technologies. They will learn wireless programming techniques and will develop wireless applications using technologies that include Wireless Markup Language (WML), WMLScript, Java and Microsoft .NET based wireless application development environments.

Credits

3

Lecture Hours

3,4

Lab Hours

0

Other Hours

0

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions Include**

Undergraduate

Course Learning Outcomes**A student who successfully completes the course will have reliably demonstrated the ability to:**

- | | |
|---|--|
| 1 | Explain the principles of current wireless communications technologies |
| 2 | Set up and configure wireless networks (WLANs) |
| 3 | Program client-side wireless applications using WML and WMLScript |
| 4 | Program server-side wireless applications using Java |
| 5 | Program server-side wireless applications using the Microsoft .NET Mobile Internet Toolkit |

Content will include, but is not restricted to, the following:

Overview of Wireless Communication Technologies

- Worldwide Wireless Evolution
- Hardware, Wireless Carriers and Service Providers
- Wireless Networks
- Radio Frequency, Laser, Infrared and Bluetooth Wireless Technologies • Satellite Communications



• Wireless Access Technologies

Wireless Networking

- Signals, Encoding, Spectrum and Error Control
- Satellite, Cellular, Cordless, Mobile IP and WAP
- IEEE 802.11 and Wireless LANs
- Bluetooth
- Wireless security

Wireless Markup Language – WML

- Format text, Images and Linking
- Tables, Forms and Templates
- Event Handling

WMLScript

- Basics
- Functions and Control Structures
- Objects, Strings and Characters

Java-Based Wireless Application Development

- Servlets
- Java 2 Micro Edition
- Case study

Microsoft .NET Mobile Internet Toolkit

- Mobile Web Forms
- Mobile Web Design
- Case study

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending lectures and participating in classroom discussions

Working on assignments and labs

Writing quizzes and exams

Developing and presenting project solutions

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments (minimum 4)

Type 1 Value

10

Assessment Type 2

Project and presentation

Type 2 Value



30

Assessment Type 3

Midterm Examination

Type 3 Value

30

Assessment Type 4

Final Examination

Type 4 Value

30

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Demonstration

Interview

Product/Portfolio

Required Learning Resources

Textbook:

Planet3 Wireless: CWNA Certified Wireless Network Administrator Official Study Guide, McGraw Hill. This course must be taught in a computer lab.

Computers must be connected to the Internet. At least one set of wireless access point/wireless adapter/lap-top computer is also required.

Recommended Learning Resources

For reference:

Deitel, H.M. et al, Wireless Internet & Mobile Business - How to Program. Prentice Hall, latest edition.

William Stallings: Wireless Communications and Networks. Upper Saddle River, NJ: Prentice Hall, latest edition.

Mark Ridgeway: .NET Wireless Programming. Alameda, CA: Sybex, latest edition

Does this course require the use of animals?

No

Date for Next Review

2028-09-01 Key:

4066

ACCT INTRO COURSES

In Workflow

1. Accounting Chair (Valerie.Warren@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Subcommittee on Pathway Courses (mitra.gorjipour@kpu.ca)
7. OReg-Courses (Course.Outlines@kpu.ca)
8. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Fri, 24 Jan 2025 19:47:38 GMT
Valerie Warren (Valerie.Warren): Approved for Accounting Chair
2. Fri, 24 Jan 2025 20:57:56 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:08:01 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

History ACCT Intro Courses

1. Aug 22, 2023 by Ashley Allison (ashley.allison)

Course

- ACCT 1110: Introductory Financial Accounting I
- ACCT 1210: Introductory Financial Accounting II
- ACCT 2293: Accelerated Introductory Financial Accounting

Date Submitted: Fri, 24 Jan 2025 19:41:44 GMT

Viewing: ACCT 1110 : Introductory Financial Accounting I

Last approved: Tue, 22 Aug 2023 21:48:57

GMT Last edit: Tue, 04 Mar 2025 06:46:19

GMT

Changes proposed by: Kelly Cunningham (100162958)

Reviewer Comments

Valerie Warren (Valerie.Warren) (Mon, 27 Jan 2025 23:57:43 GMT): Please add in the External Accrediting Body: CPAWSB

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 06:30:02 GMT): The Required Resource offers no options for alternatives. Is that intentional?

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 06:32:19 GMT): The previous comment refers to ACCT 1110

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 06:34:56 GMT): All courses in this bundle (1110, 1210, 2293) have strict textbook requirements. Is that intentional?

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

**Implementation Date**

Fall 2025

Subject Code

ACCT - Accounting

Course Number

1110

Descriptive Title

Introductory Financial Accounting I

Short Title

Financial Accounting I

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn to prepare financial statements using Canadian Generally Accepted Accounting Principles (GAAP). Students will be introduced to the accounting cycle, accrual accounting concepts, and the asset side of the balance sheet, specifically cash, receivables, inventory, and long-lived assets for service and merchandising companies operating as a sole proprietorship. This course is designed to be followed by ACCT 1210, which covers the liabilities and equity side of the balance sheet as well as partnerships and corporations. For graduation purposes a maximum of 6 credits can be obtained for any combination of ACCT 1110, ACCT 1210 and ACCT 2293.

Credits

3

Lecture Hours

3-8

Lab Hours

0

Other Hours

0

Contact Hours 3-

8

Is this course repeatable for additional credit?

No

Schedule Types**Schedule Type**

Class

Course Attributes**Pathway to Undergraduate Studies Pathway**

3

Degree Requirement Attributes Quantitative**Course Registration Restrictions**

Include Undergraduate

Include Pathway

Course Learning Outcomes



A student who successfully completes the course will have reliably demonstrated the ability to:

1	Describe Generally Accepted Accounting Principles (GAAP) within the accounting environment
2	Classify business transactions within the accounting cycle for a sole proprietorship
3	Arrange a set of accounts into financial statement presentation
4	Compare the bank and book records to reconcile cash
5	Identify basic internal controls for cash to protect against theft
6	Recite & recognize recognition and measurement principles for recording receivables, inventory, and long-lived assets
7	Identify ethical situations and their impact on financial statement information
8	Prepare a detailed plan for success on the financial accounting exam

Content will include, but is not restricted to, the following:

- Generally Accepted Accounting Principles (GAAP)
- business transaction analysis
- financial statements
- general journal entries and posting to the ledger
- adjusting journal entries
- the accounting cycle including closing entries at year end
- accounting for service oriented organizations
- merchandising accounting under both a perpetual and periodic system
- accounting for service-oriented organizations
- cash controls and blank reconciliations
- accounting for receivables
- inventory costing
- long-lived assets including property, plant, and equipment, natural resources, and intangible assets

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending lectures, taking notes, and practising problems in class

Reading and comprehending the textbook, articles and handout material

Preparing on-line and written assignments

Participating in group and open class discussions

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Homework assignments

Type 1 Value

10

Assessment Type 2

Term Tests (minimum 1)

Type 2 Value

30

Assessment Type 3

Final Examination

Type 3 Value



50

Assessment Type 4

Other non-publisher platform activities (quizzes, study prep assignments, plan for success, weekly feedback, reflections, in-class activities)

Type 4 Value

10

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Required Learning Resources

Weygandt, Kieso, Kimmel, Trenholm, Kinnear, Accounting Principles, John Wiley & Sons, current Canadian edition

On-line learning and assessment program to accompany textbook provided by publisher, used at instructor's discretion

Does this course require the use of animals? No

Is this course externally accredited?

Yes

External Accrediting Body

CPAWSB

Course Developer(s)

Valerie Warren;

Course Reviser(s)

Kelly Cunningham

Date for Next Review

2024-09-01 Key:

215

History

1. Aug 31, 2023 by Ashley Allison (ashley.allison)

Viewing: ACCT 1210 : Introductory Financial Accounting II

Last approved: Thu, 31 Aug 2023 03:02:02 GMT

Last edit: Tue, 04 Mar 2025 06:46:40 GMT

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date



Fall 2025

Subject Code

ACCT - Accounting

Course Number

1210

Descriptive Title

Introductory Financial Accounting II

Short Title

Financial Accounting II

Fee Category 2.a.1?

Yes

Calendar Description

Students will further develop their skills in preparing financial statements in accordance with Canadian Generally Accepted Accounting Principles (GAAP). Students will learn recognition and measurement techniques for liabilities, shareholder's equity and investments as well as accounting for partnerships and corporations and preparing cash flow statements. Students will analyze and interpret financial statement results. This course is designed to be preceded by ACCT 1110, which covers the accounting cycle and the assets side of the balance sheet.

For graduation purposes a maximum of 6 credits can be obtained for any combination of ACCT 1110, ACCT 1210 and ACCT 2293.

Credits

3

Lecture Hours

3-8

Lab Hours

0

Other Hours

0

Contact Hours 3-

8

Is this course repeatable for additional credit?

No

Prerequisites

ACCT 1110

Schedule Types

Schedule Type

Class

Course Attributes

Pathway to Undergraduate Studies Pathway

3

Degree Requirement Attributes Quantitative

Course Registration Restrictions



Include Undergraduate Include
Pathway

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Recite & recognize recognition and measurement principles to account for liabilities and equity
2	Describe the application of GAAP in relation to accounting for partnerships and corporations
3	Indicate appropriate classification and measurement principles for debt and equity investments
4	Prepare a statement of cash flows to determine how a company earns and spends its cash
5	Calculate financial statement information through using ratio analysis and other analytical techniques
6	Interpret financial information for a simple entity
7	Identify how data analytics can be applied to financial statement information for enhanced decision making

Content will include, but is not restricted to, the following:

- current liabilities, including payroll accounting
- International Financial Reporting Standards
- Canadian Generally Accepted Accounting Principles (GAAP) for private enterprise
- accounting for partnerships
- share capital
- corporate income and equity reporting
- long-term liabilities including bonds
- debt and equity investments
- statement of cash flows
- financial statement analysis and interpretation

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- Attending lectures, taking notes and practicing problems in class
- Participating in group discussions and open class discussions
- Reading and comprehending the textbook, articles and handout material
- Preparing on-line and written assignments

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Homework assignments

Type 1 Value

10

Assessment Type 2

Term Tests (minimum 1)

Type 2 Value

30

Assessment Type 3

Final Examination

Type 3 Value



50

Assessment Type 4

Non-publisher platform activities (quizzes, study prep assignments, plan for success, weekly feedback, reflections, in-class activities)

Type 4 Value

10

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Required Learning Resources

Weygandt, Kieso, Kimmel, Trenholm, Kinnear, Accounting Principles, John Wiley & Sons, current Canadian edition

On-line learning and assessment program to accompany textbook provided by publisher, used at instructor's discretion

Does this course require the use of animals? No**Is this course externally accredited?**

Yes

External Accrediting Body

CPAWSB

Course Developer(s)

Valerie Warren;

Course Reviser(s)

Kelly Cunningham

Date for Next Review

2024-09-01 Key:

218

History

1. Aug 31, 2023 by Ashley Allison (ashley.allison)

Viewing: ACCT 2293 : Accelerated Introductory Financial Accounting**Last approved: Thu, 31 Aug 2023 03:02:05 GMT****Last edit: Tue, 04 Mar 2025 06:46:59 GMT****Academic Level**

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date



Fall 2025

Subject Code

ACCT - Accounting

Course Number

2293

Descriptive Title

Accelerated Introductory Financial Accounting

Short Title

Accelerated Fin'l Accounting

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn to prepare and interpret financial statements for corporations in accordance with Canadian Generally Accepted Accounting Principles (GAAP). Students will learn about the accounting information system, accrual accounting concepts, accounting for service and merchandising operations, the reporting and analysis of inventory, receivables, long-lived assets, liabilities, shareholders' equity and investments, and the preparation of cash flow statements. The user-oriented approach will include performance measurement and the evaluation and analysis of financial statements by external decision-makers. This course is an accelerated and condensed version of ACCT 1110 and ACCT 1210.

Credits

3

Lecture Hours

3-4

Lab Hours

0

Other Hours

0

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Optional Calendar Description Note

For graduation purposes a maximum of 6 credits can be obtained for any combination of ACCT 1110, ACCT 1210 and ACCT 2293.

Prerequisites

Either: (a) one of the following BUQU 1130, MATH 1120, MATH 1130, MATH 1140, ACCT 1110 or ACCT 1160, or (b) acceptance into the Post-Baccalaureate Diploma in Accounting

Schedule Types

Schedule Type

Class

Course Attributes

Degree Requirement Attributes Quantitative



Course Registration Restrictions Include
Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Describe Generally Accepted Accounting Principles (GAAP) in an accounting environment
2	Classify business transactions within the accounting cycle for a corporation
3	Recite & recognize recognition and measurement principles to account for receivables, inventory, long-lived assets, long-term liabilities, shareholders' equity, and investment in corporate securities
4	Arrange a set of accounts into financial statement presentation
5	Prepare a statement of cash flows to determine how a company earns and spends its cash
6	Calculate financial statement information through using ratio analysis and other analytical techniques
7	Interpret financial information for a simple entity
8	Prepare a detailed plan for success on the financial accounting exam

Content will include, but is not restricted to, the following:

- the purpose and use of financial statements
- the framework of accounting
- the accounting information system (accounting cycle)
- transaction analysis
- closing entries
- cash flow statement
- performance measurement

How to define, measure and account for:

- cash
- receivables
- internal control concepts
- inventory using periodic and perpetual inventory systems
- revenue and cost of goods sold
- long-lived assets
- intangible assets
- liabilities
- long-term liabilities
- shareholders' equity
- reporting investments

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending lectures, taking notes and practising problems in class

Participating in group discussions and open class discussions

Reading and comprehending the textbook, articles and handout material

Preparing on-line and written assignments

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Homework assignments

Type 1 Value

10

Assessment Type 2

Term Test (minimum 1)

Type 2 Value

30

Assessment Type 3

Final Examination

Type 3 Value

50

Assessment Type 4

Non-publisher platform activities (quizzes, study prep assignments, plan for success, weekly feedback, reflections, in-class activities)

Type 4 Value

10

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Required Learning Resources

Kimmel, Trenholm, Financial Accounting: Tools for Business Decision-Making, Wiley, current Canadian edition On-line learning and assessment application to accompany textbook provided by publisher, used at instructor's discretion

Open Educational Resources (OER)

Lyryx has some introductory financial accounting content on BCCampus. Nothing in Oasis.

Does this course require the use of animals? No

Is this course externally accredited?

Yes

ACCT Intro Courses



External Accrediting Body

CPA Western School of Business

Course Developer(s)

Valerie Warren

Course Reviser(s)

Kelly Cunningham;

Date for Next Review

2025-09-01 Key:

223

MANAGEMENT ACCOUNTING (UGD)

In Workflow

1. Accounting Chair (Valerie.Warren@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. OReg-Courses (Course.Outlines@kpu.ca)
7. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Fri, 14 Feb 2025 17:08:50 GMT
Valerie Warren (Valerie.Warren): Approved for Accounting Chair
2. Fri, 14 Feb 2025 17:19:49 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult

History Management Accounting (UGD)

1. May 11, 2023 by Lindsay Clayton (Lindsay.Clayton)

Course

- ACCT 3320: Cost and Management Accounting I
- ACCT 4320: Cost and Management Accounting II
- ACCT 4720: Advanced Managerial Accounting

Date Submitted: Thu, 13 Feb 2025 23:32:29 GMT

Viewing: ACCT 3320 : Cost and Management Accounting I

Last approved: Thu, 11 May 2023 03:01:25

GMT Last edit: Fri, 14 Feb 2025 17:13:21 GMT

Changes proposed by: Lindsay Clayton (100230778)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 06:56:40 GMT): ACCT 4720 contains a contingency phrase that should be deleted. These are viewed as violating policy AC4 and this should be removed

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 06:58:54 GMT): Final exams in ACCT 3320 and 4320 have % values higher than the 30% maximum threshold in Procedure AC4. Rationale should be provided how this is appropriate to the course objectives. **Ulrich**

Paschen (ulrich.paschen) (Sun, 09 Mar 2025 07:00:38 GMT): ACCT 4320 is prescriptive, allowing only one textbook as a required resource. Is this intentional?

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:11:04 GMT): Contingency phrase deleted

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date

Fall 2025

Subject Code

ACCT - Accounting

KF U

**Descriptive Title**

Cost and Management Accounting I

Short Title

Cost and Mgmt Accounting I

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn how to use internal accounting information for decision making in manufacturing and other organizations. Students will study a variety of management accounting topics such as cost terms and concepts, alternative costing systems, cost/volume/profit relationships, budgeting and profit planning, relevant costing, variance analysis, segmented reporting and the importance of ethics.

Credits

3

Lecture Hours

3-4

Lab Hours

0

Other Hours

0

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Prerequisites

ACCT 1210 or ACCT 2293

Schedule Types**Schedule Type**

Class

Course Attributes**Degree Requirement Attributes** Quantitative**Course Registration Restrictions** Include

Undergraduate

Course Learning Outcomes**A student who successfully completes the course will have reliably demonstrated the ability to:**

- | | |
|---|---|
| 1 | define and classify costs for the correct managerial accounting application |
| 2 | determine the cost of products and/or services based on various costing methods |
| 3 | use cost-volume-profit analysis to guide key business decisions |
| 4 | prepare financial statements using absorption and variable costing |

5	develop all schedules and financial statements that make up the Master Budget
6	compute variances from standard cost and explain their significance
7	identify relevant information and make recommendations in several typical business decision scenarios
8	identify ethical considerations in management decision making situations
9	identify opportunities for organizations to contribute to responsible consumption and production

Content will include, but is not restricted to, the following:

- cost terms and concepts
- job costing
- activity-based costing
- cost behavior
- cost estimation and regression analysis
- cost/volume/profit analysis
- variable costing and absorption costing
- budgeting
- standard costing and variance analysis
- segmented reporting
- relevant costs for decision making
- ethical decision making in accordance with professional ethical standards

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- attending lectures and taking notes
- reading and comprehending management accounting concepts and applying them to problems
- preparing on-line and written assignments
- participating in group discussions

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments, Quiz(zes) and/or Cases (10% maximum for online homework) **Type**

1 Value

20

Assessment Type 2

Midterm Tests (minimum of 2)

Type 2 Value

30

Assessment Type 3

Final Exam

Type 3 Value

50

TOTAL

100

Grading System - default



Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Interview

Required Learning Resources

Garrison, Ray H., Noreen, Eric W., Chesley, Richard G., Carroll, Raymond E., Managerial accounting: Concepts for planning, control, decision making. Irwin. Toronto, Canada. Latest Canadian edition or equivalent textbook

Supplemental information prepared and provided by Instructor

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

Yes

External Accrediting Body

CPA Western School of Business

Course Developer(s)

Joel Whittemore;

Course Reviser(s)

Lindsay Clayton;

Date for Next Review

2030-09-01 Key:

234

History

1. May 11, 2023 by Lindsay Clayton (Lindsay.Clayton)

Viewing: ACCT 4320 : Cost and Management Accounting II

Last approved: Thu, 11 May 2023 03:01:29 GMT

Last edit: Fri, 14 Feb 2025 17:12:35 GMT

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date

Fall 2025

Subject Code

ACCT - Accounting

Course Number

4320

Descriptive Title



Cost and Management Accounting II

Short Title

Cost and Mgmt Accounting II

Fee Category 2.a.1?

Yes

Calendar Description

Students will study a variety of management accounting topics including flexible budgets, standard costs, variance analysis and investigation decisions, cost behavior, cost allocation. Topics also covered are: linear programming, joint products and by-products, special issues of process costing, alternative inventory models, pricing theory and strategies, and decentralization and transfer pricing. In addition, the course will cover the quality, operations costing, statistical analysis and linear models as well as selected current issues.

Credits

3

Lecture Hours

3,4

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Prerequisites

ACCT 3320

Schedule Types

Schedule Type

Class

Course Attributes

Degree Requirement Attributes Quantitative

Course Registration Restrictions Include
Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

1	calculate relevant costs to assist management in pricing decisions
2	choose performance measures to assess financial and non-financial company performance in the short- and longterm
3	allocate costs from service departments to production departments for costing and pricing decisions
4	allocate joint costs to joint products for costing and pricing decisions
5	allocate joint costs to joint products for costing and pricing decisions
6	illustrate the Weighted-Average and FIFO methods of process costing
7	demonstrate the use of inventory costing (e.g. just-in-time)
8	analyze the effect of divisional transfer pricing on organizational profitability
9	evaluate various performance measurement and compensation systems
10	calculate the impact of responsible consumption, production and disposal in an organization
11	calculate the net present value of future cash flows in capital budgeting decisions.

Content will include, but is not restricted to, the following:

- flexible budgets
- variance analysis
- alternative inventory costing method
- linear programming
- cost allocation
- spoilage and scrap
- pricing decisions
- inventory management
- management control systems
- performances measurement and compensation
- operations costing
- capital budgeting
- net present value

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

attending lectures and taking notes

reading and applying management accounting concepts

working on assignments

participating in group discussions

Assessment

Assessment plans comply with KPU policy and may resemble the following:



Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments, Cases and / or Quizzes

Type 1 Value

10

Assessment Type 2

Mid-term Exams (minimum 2, no one exceeding 30%)

Type 2 Value

40

Assessment Type 3

Final Exam

Type 3 Value

50

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Interview

Required Learning Resources

Horngren, Charles, T., Foster, George, Datar, Srikant, M., Teau, Howard, D., (current edition) Cost accounting: A managerial emphasis. Canadian Edition. Scarborough, Ontario: Prentice Hall Canada Inc.

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

Yes

External Accrediting Body

CPA Western School of Business

Course Developer(s)

Lindsay Clayton;

Course Reviser(s)

Lindsay Clayton;

Date for Next Review

2030-09-01 Key:

251

History

1. Aug 31, 2023 by Ashley Allison (ashley.allison)

Viewing: ACCT 4720 : Advanced Managerial Accounting



Last approved: Thu, 31 Aug 2023 03:02:11 GMT

Last edit: Tue, 11 Mar 2025 07:10:42 GMT

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date

Fall 2025

Subject Code

ACCT - Accounting

Course Number

4720

Descriptive Title

Advanced Managerial Accounting

Short Title

Advanced Managerial Acct

Fee Category 2.a.1?

Yes

Calendar Description

Students will utilize advanced managerial accounting theories in planning and decision making in various business situations. Students will assess overall business needs. Students will design and evaluate integrative management accounting strategies through case analysis and projects.

Credits

3

Lecture Hours

3-4

Lab Hours

0

Other Hours

0

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Prerequisites

All of (a) ACCT 4320 plus (b) 12 credits from courses in ACCT at the 4000 level and, (c) CMNS 3000 or ENTR 3000 and, (d) ENTR 3100

Schedule Types

Schedule Type



Class

Course Attributes

Degree Requirement Attributes Quantitative

Course Registration Restrictions Include
Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|---|
| 1 | identify and evaluate management issues in a variety of situations, recommending an optimal course of action. |
| 2 | integrate the rules of professional conduct and law into strategic management decision making. |
| 3 | develop CPA enabling competencies in individual and teamwork situations. |
| 4 | deliver professional oral and written communications in a variety of situations. |
| 5 | utilize Microsoft Excel and the Power Suite to analyze managerial accounting decisions. |

Content will include, but is not restricted to, the following:

- budgets
- strategic planning
- balanced scorecard
- resource management
- costing systems
- cost components and pricing strategies
- performance measurement
- insourcing/outourcing decision-making

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

- Participating in open class and small group discussions
- Reading and analyzing written material in textbooks and other course material
- Analyzing, discussing and solving complex problems
- Analyzing, discussing and proposing alternative solutions for comprehensive business cases
- Analyzing and solving problems using computer software
- Participating in oral presentations
- Presenting an industry project in oral and written form

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Individual Cases

Type 1 Value

30



Assessment Type 2

Individual Presentations, Tests and Assignments

Type 2 Value

30

Assessment Type 3

Group Projects, Cases, and/or Assignments

Type 3 Value

20

Assessment Type 4

Participation (in-class discussions & activities)

Type 4 Value

15

Assessment Type 5

Field Test (e.g. Peregrine)

Type 5 Value

5

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Required Learning Resources

Young. Readings in Management Accounting. Upper Saddle River, New Jersey: Prentice-Hall Inc. latest edition or equivalent textbook

Custom-package of published business cases, copyrighted material, compiled by Instructor

Does this course require the use of animals? No

Is this course externally accredited?

Yes

External Accrediting Body

CPA Western School of Business

Course Developer(s)

Lindsay Clayton;

Course Reviser(s)

Lindsay Clayton; Laurette Korman; Catriona Eigenfeldt; Garry Yuill

Date for Next Review

2030-09-01 Key:

260

ASSURANCE COURSES

In Workflow

1. Accounting Chair (Valerie.Warren@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (london.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Wed, 29 Jan 2025 01:18:25 GMT
Valerie Warren (Valerie.Warren): Approved for Accounting Chair
2. Wed, 29 Jan 2025 16:49:31 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:15:05 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

History

1. May 31, 2023 by Lindsay Clayton (Lindsay.Clayton)
2. Jun 4, 2024 by Ulrich Paschen (ulrich.paschen)

Assurance Courses

Course

- ACCT 3444: Auditing
- ACCT 4120: Financial Statement Presentation and Analysis
- ACCT 4445: Auditing 2

Date Submitted: Wed, 29 Jan 2025 01:15:56 GMT

Viewing: ACCT 3444 : Auditing

Last approved: Tue, 04 Jun 2024 07:01:53

GMT Last edit: Wed, 29 Jan 2025 01:15:55

GMT

Changes proposed by: Valerie Warren (100181262)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 06:49:03 GMT): Final exams in 3444 and 4445 have % values higher than the 30% maximum threshold in Procedure AC4. Rationale should be provided how this is appropriate to the course objectives.

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date

Fall 2025

Subject Code

ACCT - Accounting



Descriptive Title
Auditing

Short Title Auditing

Fee Category 2.a.1?
Yes

Calendar Description

Students will study the nature and purpose of audit and assurance engagements and the auditing process from planning to completion. Topics covered include planning, methodology, standards, documentation, evidence, materiality, risk, internal controls, sampling, audit procedures, and audit reports. The focus will be on external independent financial statement audits.

Credits

3

Lecture Hours

3,4

Lab Hours

0

Other Hours

0

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Prerequisites

All of (a) ACCT 3310, (b) CBSY 2306 or CBSY 2205, and (c) BUQU 1230, CRIM 2103, MATH 1115, MATH 2341, STAT 2342, PSYC 2300 or SOCI 2365

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- 1 Apply the audit risk model, considering the entity, to develop the audit strategy for an entity
- 2 Describe the key internal controls that form part of the entity's financial reporting and operational infrastructure
- 3 Explain the significance of time management in conducting an audit
- 4 Complete a materiality assessment for an audit considering user needs and their objectives
- 5 Explain applicable procedures to address risks and the appropriate audit assertions
- 6 Demonstrate how Canadian Auditing Standards are applied in various audit situations

7	Practice an ethical mindset by applying an ethical framework to analyze situations that require judgement and independence
8	Contribute to a collaborative learning experience by utilizing effective interpersonal and communication skills
9	Compare and contrast the reporting options according to the needs of financial statement users
10	Identify how assurance engagements can integrate diverse perspectives, including environmental, social, governance, and indigenous viewpoints.

Content will include, but is not restricted to, the following:

The Canadian Auditing Standards and other authoritative documents

- CPA Code of Conduct
- Role of regulators
- Differentiate between auditing from accounting
- Professional ethics and auditor responsibilities
- Auditor independence
- Professional judgement and professional skepticism
- The benefits of auditing on society and the economy
- The legal liability surrounding audits
- The relationship between the firm and client
- Levels of assurance
- Fraud triangle
- Auditor Biases
- Planning, execution and reporting process of audits
- Client acceptance and continuance
- Audit risk model
- Factors that drive the audit strategy
- Combined and substantive audit approaches including for financial statement cycles
- System of Internal control including the control environment
- Types of controls including general and application IT controls
- Materiality
- The forms, sources and reliability of information to be used as audit evidence
- Audit assertions
- Audit tests
- Audit data analytics, software applications and data visualizations
- Sampling methods
- Analytical procedures
- Audit reporting
- Assurance and non-assurance reports
- Special reports
- ESG reporting
- Indigenous viewpoints

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

participating in active class discussion and team based activities

completing class assignments on a timely basis applying audit techniques to audit projects and cases

researching current auditing and accounting standards

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

**Assessment Type 1**

Cases/Projects

Type 1 Value

25

Assessment Type 2

Quizzes, Participation/ Learning Contribution*

Type 2 Value

10

Assessment Type 3

In-Term Examinations

Type 3 Value

25

Assessment Type 4

Final Examination

Type 4 Value

40

TOTAL

100

Additional Notes

Participation / Learning contributions* is assessed by the instructor based on all or a select combination of contribution to class discussions, contribution to peer discussion, completion and quality of work, quality of reflections and preparation.

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Required Learning Resources

Moroney, Campbell, Hamilton, Warren, Auditing A Practical Approach, John Wiley & Sons, current Canadian edition

Does this course require the use of animals? No**Do library resources in this area need more development?** No**Is this course externally accredited?**

Yes

External Accrediting Body

CPAWSB

Course Reviser(s)

Valerie Warren; Praise Ma; Sam Newton; Kelly Cunningham; Bo Zhang; David Lau; Justin Molander

Date for Next Review

2025-09-01 Key:

240

History

1. Aug 31, 2023 by Ashley Allison (ashley.allison)



Viewing: ACCT 4445 : Auditing 2

Last approved: Thu, 31 Aug 2023 03:02:09 GMT

Last edit: Wed, 29 Jan 2025 01:02:46 GMT

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date

Fall 2025

Subject Code

ACCT - Accounting

Course Number

4445

Descriptive Title

Auditing 2

Short Title

Auditing 2

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn how to prepare an audit file using a computerized application with emphasis on the audit process and audit documentation. Students will build proficiency in understanding and applying auditing standards to simulated audit and assurance engagements. Students will explore the use of data analytics, application of software or data visualizations when applying audit procedures. Students will explore current and advanced issues affecting the auditing profession, with a practical focus on career preparation.

Credits

3

Lecture Hours

4

Lab Hours

0

Other Hours

0

Contact Hours

4

Is this course repeatable for additional credit?

No

Prerequisites

All of: (a) ACCT 3444, (b) CMNS 3000 or ENTR 3000, and (c) ENTR 3100

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Prepare an audit file in accordance with Canadian Auditing Standards
2	Document the audit work performed and its results
3	Evaluate audit issues with support from the Canadian Auditing Standards within case analysis
4	Evaluate accounting issues with support from the CPA Handbook within case analysis
5	Support conclusions and communicate results within case analysis
6	Prepare or interpret information and reports for stakeholders
7	Assess the audit risk model, considering the entity, to develop the audit strategy for an entity
8	Conclude on a materiality assessment for an audit considering user needs and their objectives
9	Design appropriate procedures based on the identified risk of material misstatement
10	Evaluate audit evidence and the results of analysis to determine their implication for users
11	Detect risks and techniques used to fraudulently manipulate financial information
12	Differentiate between the types of special audit and review engagements that serve as alternatives to an audit for client needs
13	Incorporate data analytics, software applications, and/or data visualizations when applying audit procedures

Content will include, but is not restricted to, the following:

- Use of a computerized auditing application
- The Canadian Auditing Standards
- The International financial reporting standards and Canadian GAAP
- Understanding the entity
- Risk assessment
- Audit approach
- Materiality
- Audit procedures

Audit data analytics, software applications, data visualizations, etc.

- Audit evidence
- Special reports
- Ethical issues in auditing

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Participating in active class discussion and team based activities

Reading and interpreting audit literature

Completing class assignments, cases and projects on a timely basis

Applying audit techniques to audit projects and cases

Researching current auditing and accounting standards

Assessment

Assessment plans comply with KPU policy and may resemble the following:



Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Assignments

Type 1 Value

20

Assessment Type 2

Quizzes

Type 2 Value

10

Assessment Type 3

Participation/ Learning contributions

Type 3 Value

10

Assessment Type 4

Term Tests

Type 4 Value

25

Assessment Type 5

Final Exam

Type 5 Value

35

TOTAL

100

Additional Notes

Participation / Learning contributions* is assessed by the instructor based on all or a select combination of contribution to class discussions, contribution to peer discussion, completion and quality of work, quality of reflections and preparation.

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam

Required Learning Resources

CPA Canada Standards and Guidance Collection

Professional Engagement Guide

Caseware International Inc. CaseWare Audit and Trial Balance Software. Toronto, Ontario. Latest Edition

Power BI

Does this course require the use of animals? No

Is this course externally accredited?

Yes



External Accrediting Body

CPAWSB

Course Developer(s)

Praise Ma; Kelly Cunningham

Course Reviser(s)

Praise Ma; Kelly Cunningham

Date for Next Review

2026-09-01 Key: 255



History

1. Jan 9, 2024 by Virginia Vandenberg (virginia.vandenberg)

Viewing: ACCT 4120 : Financial Statement Presentation and Analysis

Last approved: Tue, 09 Jan 2024 03:02:01 GMT

Last edit: Wed, 29 Jan 2025 01:13:49 GMT

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date

Fall 2025

Subject Code

ACCT - Accounting

Course Number

4120

Descriptive Title

Financial Statement Presentation and Analysis

Short Title

Fin. Statmnt Presnt/Analysis

Fee Category 2.a.1?

Yes

Calendar Description

Through case analysis, students will integrate essential business competencies—such as financial accounting, audit, management accounting, finance, tax, and strategy—applied to CPA-style cases. Students will research and apply a financial reporting framework: International Financial Reporting Standards (IFRS) and/or Accounting Standards for Private Enterprises (ASPE). Recommendations will be developed using both qualitative and quantitative analysis. Students will evaluate financial statements, including presentation and note disclosure in accordance with generally accepted accounting principles (GAAP).

Credits

3

Lecture Hours

3-4

Lab Hours

0

Other Hours

0

Contact Hours 3-

4

Is this course repeatable for additional credit?

No

Prerequisites

All of: (a) ACCT 3410 (b) ACCT 3444 (c) CMNS 3000 or ENTR 3000, (d) ENTR 3100 (e) 9 credits from courses in ACCT at the 4000 level

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Integrate knowledge from multiple business competencies, such as financial accounting, audit, cost accounting, finance, tax and strategy, as applied to CPA cases
2	Apply critical thinking techniques to identify issues affecting stakeholders
3	Evaluate the application of financial reporting framework(s) based on the required standards, company or case facts
4	Develop conclusions that considers the implication(s) on user(s)' needs
5	Evaluate financial statements, including presentation and note disclosures, in accordance with financial reporting frameworks and/or specific user requirements
6	Incorporate an ethical mindset with an emphasis on integrity and ethical decision-making, when analyzing situations that require judgement
7	Examine terminology, concepts and reporting frameworks for environmental, social, and governance (ESG)
8	Reflect and confirm steps to support ongoing personal and professional growth

Content will include, but is not restricted to, the following:

- comprehensive cases incorporating a variety of accounting and business issues
- Generally accepted accounting principles: International Financial Reporting Standards (IFRS) and/or Accounting Standards for Private Enterprises (ASPE)

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

preparing and delivering professional presentations and/or videos

participating, in-class discussion, and team based activities

completing class assignments, cases and projects

reading and interpreting financial literature

debriefing and self-reflection on case writeups, course content and/or lifelong learning skills

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

IFRS project / weekly quizzes/ case assignments

Type 1 Value

30

**Assessment Type 2**

Midterm Case and associated activities

Type 2 Value

15

Assessment Type 3

Final case presentation

Type 3 Value

15

Assessment Type 4

Learning contributions* / case writeups / debriefing

Type 4 Value

10

Assessment Type 5

Final case evaluation

Type 5 Value

30

TOTAL

100

Additional Notes

*Learning Contribution is assessed by the instructor based on all or a select combination of contribution to class discussions, contribution to peer discussion, completion and quality of work, quality of reflections and preparation.

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

None

Required Learning Resources

CPA Canada Standards and Guidance

Recommended Learning Resources

Densmore CPA Competency Map Study Notes- Current Edition or Equivalent Densmore / CPA style cases

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

Yes

External Accrediting Body

CPAWSB

Course Developer(s)

Valerie Warren, Praise Ma

Course Reviser(s)

Praise Ma, Alym Amlani



Date for Next Review

2028-09-01 Key: 247

ACCT 4500: DATA ANALYTICS AND ARTIFICIAL INTELLIGENCE FOR ACCOUNTANTS

In Workflow

1. Accounting Chair (Valerie.Warren@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. OPA (opa@kpu.ca)
4. Finance (accounts.receivable@kpu.ca)
5. ORegCurrConsult (oregcurrconsult@kpu.ca)
6. SB Curriculum Committee (ulrich.paschen@kpu.ca)
7. SB Council (london.kleis@kpu.ca)
8. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
9. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
10. OReg-Courses (Course.Outlines@kpu.ca)
11. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Fri, 10 Jan 2025 23:18:11 GMT
Valerie Warren (Valerie.Warren): Approved for Accounting Chair
2. Sat, 11 Jan 2025 00:18:33 GMT
008931635: Approved for SB Dean
3. Mon, 13 Jan 2025 18:19:26 GMT
Norwinda Binuya-Barros (Norwinda.Binuya-Barros): Approved for OPA
4. Tue, 14 Jan 2025 18:50:59 GMT
Ana Silva (Ana.Silva): Approved for Finance
5. Wed, 15 Jan 2025 17:00:00 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
6. Tue, 11 Mar 2025 07:16:28 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee **New**

Course Proposal

Date Submitted: Wed, 06 Nov 2024 20:55:58 GMT

Viewing: ACCT 4500 : Data Analytics and Artificial Intelligence for Accountants

Last edit: Wed, 15 Jan 2025 16:59:46 GMT

Changes proposed by: Valerie Warren (100181262)

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date

Fall 2025

Subject Code

ACCT - Accounting

Course Number

4500

**Descriptive Title**

Data Analytics and Artificial Intelligence for Accountants

Short Title

DA and AI for ACCT

CIP Code

301601 - Accounting and computer science

Fee Category 2.a.1?

Yes

Calendar Description

Data Analytics and Artificial Intelligence for Accountants equips accounting students with advanced skills in data analysis and AI applications relevant to the accounting field. Students will learn to manipulate and analyze financial datasets, create interactive data visualizations, and leverage AI technologies—including Large Language Models—to enhance accounting tasks and decision-making. The course also addresses ethical and legal considerations in the use of AI and data analytics, preparing students to responsibly integrate these technologies into their professional practice.

Suggested Credit Hours

3

Credits

3

Suggested Classroom Hours

3

Lecture Hours

3

Total Contact Hours

3

Contact Hours

3

Is this course repeatable for additional credit?

No

Prerequisites

All of (a) ACCT 3380, (b) ACCT 4320, (c) CBSY 2306 or CBSY 2205, and (d) BUQU 1230, MATH 1115, MATH 2341, STAT 2342, CRIM 2103, PSYC 2300 or SOCI 2365

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions Include**

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- 1 Apply critical thinking to data analytic techniques and the utilization of AI tools.
- 2 Perform advanced data analysis techniques to clean, manipulate, and analyze financial datasets effectively.

- 3 Create data visualizations to represent financial information clearly and intuitively, enhancing understanding for various stakeholders.
- 4 Utilize Large Language Models (LLMs) to enhance productivity in accounting tasks, such as automating documentation, generating financial summaries, and interpreting data.
- 5 Automate accounting processes by leveraging AI features in software applications to improve efficiency and reduce repetitive tasks.
- 6 Collaborate with LLMs for code assistance to generate code snippets or macros, automating tasks without requiring extensive programming knowledge.
- 7 Communicate data-driven insights effectively through clear reports and presentations, tailored to both technical and non-technical audiences.
- 8 Evaluate ethical and legal considerations in the use of AI and data analytics in accounting, focusing on data privacy, compliance, and responsible AI usage.

Content will include, but is not restricted to, the following:

- Apply critical thinking o Evaluating data sources o Identifying appropriate analysis and AI tools o Analyzing AI outputs
- Advanced Data Analysis Techniques o Extract, transform/clean and load data o Analysis of financial datasets o Evaluation of data quality
- Data Visualization o Creation of interactive dashboards and reports o Visualization tools and best practices o Representing financial data clearly and intuitively o Dashboarding and graphical representations
- Utilization of Large Language Models (LLMs) in Accounting o Automating documentation and reporting o Generating financial summaries o Assisting in data interpretation o Enhancing productivity in accounting tasks
- Automation of Accounting Processes with AI o Leveraging AI features in software applications o Reducing repetitive tasks through automation o Improving efficiency in accounting workflows
- Code Assistance via LLMs o Generating code snippets or macros o Automating tasks without extensive programming knowledge o Collaborating with LLMs for coding assistance
- Communication of Data-Driven Insights o Effective reporting skills o Tailoring communication for technical and non-technical audiences o Using appropriate tools to convey insights
- Ethical and Legal Considerations in AI and Data Analytics o Understanding data privacy and security o Compliance



with legal and regulatory standards o Responsible and ethical use of AI and data analytics
o Respecting Indigenous data sovereignty and cultural perspectives in data governance

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending weekly lectures and taking notes

Participating in open class discussions

Researching using library and/or digital resources

Completing individual and/or group application exercises and problem-solving activities

Demonstrating discipline by completing required assignments, quizzes and exams with due diligence and on-time

Watching or listening to audio-visual materials

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Quizzes and/or Mid-term Exam

Type 1 Value

20

Assessment Type 2

Learning Contribution

Type 2 Value

10

Assessment Type 3

Individual Assignments

Type 3 Value

20

Assessment Type 4

Group Assignment

Type 4 Value

20

Assessment Type 5

Final Exam

Type 5 Value

30

TOTAL

100

Additional Notes

Learning Contribution is assessed by the instructor based on students' oral contributions and elaboration in discussion/debate both in-class and through use of discussion boards. Contribution to group discussion and group activities will also be monitored by the instructor either in class, in breakout rooms, or on shared documents.



Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment None

**Required Learning Resources**

Software such as:

Microsoft Excel (or equivalent spreadsheet software)

Power BI (or equivalent analytics software)

Access to a Windows based PC depending on software chosen

Does this course require the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited? Yes

External Accrediting Body

CPAWSB

Course Developer(s)

Sam Newton

Date for Next Review

2030-09-01 Key:

7181

ACCT 4900: SPECIAL TOPICS IN ACCOUNTING

In Workflow

1. Accounting Chair (Valerie.Warren@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. OPA (opa@kpu.ca)
4. Finance (accounts.receivable@kpu.ca)
5. ORegCurrConsult (oregcurrconsult@kpu.ca)
6. SB Curriculum Committee (ulrich.paschen@kpu.ca)
7. SB Council (landon.kleis@kpu.ca)
8. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
9. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
10. OReg-Courses (Course.Outlines@kpu.ca)
11. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Thu, 23 Jan 2025 21:00:48 GMT
Valerie Warren (Valerie.Warren): Approved for Accounting Chair
2. Thu, 23 Jan 2025 21:59:42 GMT
008931635: Approved for SB Dean
3. Thu, 23 Jan 2025 22:46:18 GMT
Norwinda Binuya-Barros (Norwinda.Binuya-Barros): Approved for OPA
4. Tue, 28 Jan 2025 18:48:14 GMT
Ana Silva (Ana.Silva): Approved for Finance
5. Wed, 29 Jan 2025 16:52:00 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
6. Tue, 11 Mar 2025 07:16:46 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee **New**

Course Proposal

Date Submitted: Thu, 23 Jan 2025 21:00:16 GMT

Viewing: ACCT 4900 : Special Topics in Accounting

Last edit: Tue, 04 Mar 2025 06:49:15 GMT

Changes proposed by: Valerie Warren (100181262)

Reviewer Comments

Ashley Allison (ashley.allison) (Wed, 29 Jan 2025 16:51:56 GMT): 'Does this course require the use of animals?' is marked as Yes - is this in error?

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 07:04:02 GMT): Prior comment was apparently addressed before this course proposal reached CurrCom approval stage

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date

Fall 2025

Subject Code

ACCT - Accounting

Course Number 4900

Descriptive Title



Special Topics in Accounting

Short Title

Special Topics in Accounting

CIP Code

520301 - Accounting

Fee Category 2.a.1? Yes

Calendar Description

Students explore a specialized area of study in accounting selected by Accounting faculty. The course will emphasize depth in exploring a specific topic impacting businesses. Students learn through lectures, collaborative discussions, case studies and other activities.

Suggested Credit Hours

3

Credits

3

Suggested Classroom Hours

3

Total Contact Hours 3

Is this course repeatable for additional credit?

No

Optional Calendar Description Note

The specific topic for the course will be established in advance by the department. Please check with the department for proposed offerings. Students may take this course once.

Prerequisites

ACCT 3410 and ACCT 3444

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions Include

Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:

- | | |
|---|---|
| 1 | Analyze issues in accounting through research and critical thinking |
| 2 | Summarize information gathered from appropriate research sources |
| 3 | Assess the significance and impact of a particular accounting topic on the CPA profession and/or business world |



- | | |
|---|--|
| 4 | Develop recommendations to address issues impacting the CPA profession and/or business world |
| 5 | Communicate findings and recommendation to relevant stakeholders |

Content will include, but is not restricted to, the following:

Reviewing accounting research

Ideas for future research

Case studies

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending weekly lectures and taking notes

Participating in open class discussions

Researching using library and/or digital resources

Completing individual and/or group application exercises, problem-solving activities and cases

Demonstrating expertise by completing required assignments, quizzes and exams

Watching or listening to audio-visual materials

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Quizzes and/or Mid-term Exam

Type 1 Value

20

Assessment Type 2

Learning Contribution*

Type 2 Value

10

Assessment Type 3

Individual Assignments

Type 3 Value

20

Assessment Type 4

Group Assignment

Type 4 Value

20

Assessment Type 5

Final Exam or Final Project

Type 5 Value

30

TOTAL

100

Additional Notes

*Learning Contribution is assessed by the instructor based on all or a select combination of contribution to class discussions, contribution to peer discussion, completion and quality of work, quality of reflections and preparation.

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

None

Required Learning Resources

See Recommended Learning Resources

**Recommended Learning Resources**

CPA Handbook
CPABC Code of Conduct
Accounting Research Journals

Does this course require
the use of animals? No

Do library resources in this area need more development? No

Is this course externally accredited?

Yes

External Accrediting Body

CPAWSB

Course Developer(s) Valerie

Warren

Date for Next Review

2030-09-01 Key:

7214

ACCT 3111: INTRODUCTION TO FRAUD EXAMINATION

In Workflow

1. Accounting Chair (Valerie.Warren@kpu.ca)
2. SB Dean (Heather.Harrison@kpu.ca)
3. ORegCurrConsult (oregcurrconsult@kpu.ca)
4. SB Curriculum Committee (ulrich.paschen@kpu.ca)
5. SB Council (landon.kleis@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Thu, 23 Jan 2025 21:00:56 GMT
Valerie Warren (Valerie.Warren): Approved for Accounting Chair
2. Thu, 23 Jan 2025 21:58:53 GMT
008931635: Approved for SB Dean
3. Fri, 24 Jan 2025 16:16:42 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
4. Tue, 11 Mar 2025 07:09:43 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

History

1. Aug 11, 2023 by Ashley Allison (ashley.allison)

Course Discontinuation Proposal

Date Submitted: Wed, 09 Oct 2024 22:28:50 GMT

Viewing: ACCT 3111 : Introduction to Fraud Examination

Last approved: Fri, 11 Aug 2023 21:33:34 GMT

Last edit: Wed, 09 Oct 2024 22:28:50 GMT

Changes proposed by: Valerie Warren (100181262)

Justification for this discontinuation request

This course is no longer offered. It was replaced with ACCT 4111 and so it needs to be removed from the books.

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Tue, 11 Mar 2025 07:09:37 GMT): Discontinuation proposal approved at MSB CurrCom 10 Mar 2025

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Accounting

Implementation Date

Fall 2025

Subject Code

ACCT - Accounting

Course Number

3111

**Descriptive Title**

Introduction to Fraud Examination

Short Title

Intro to Fraud Examination

Fee Category 2.a.1?

Yes

Calendar Description

Students will analyze the fraud problem and its social and economic impacts. They will examine various issues fundamental to the understanding, prevention, detection, and deterrence of fraud from a management perspective.

Credits

3

Lecture Hours

3,4

Lab Hours

0

Other Hours

0

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Optional Calendar Description Note

Students may be entitled to use this course towards Association of Certified Fraud Examiners requirements.

Prerequisites

ACCT 2293, BUSI 2390, CRIM 1107, or permission of instructor.

Schedule Types**Schedule Type**

Class

Course Attributes**Course Registration Restrictions**

Include Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Discuss and review the social and economic impacts of fraud
2	Identify and explain methods of fraud used by employees, owners, managers and executives to defraud their companies
3	Recognize fraud situations and suggest effective deterrence technique

Content will include, but is not restricted to, the following:

ASSET MISAPPROPRIATIONS

- History, Overview, and Statistics
- Skimming



- Cash Larceny
- Cheque Tampering
- Register Disbursement Schemes
- Billing Schemes
- Payroll and Expenses Reimbursement Schemes
- Inventory and Other Assets

CORRUPTION

- History, Overview, and Statistics
- Bribery
- Conflict of Interest

FRAUDULENT STATEMENTS

- History, Overview, and Statistics
- Effects of Fraud on Financial Statements
- Fraudulent Financial Statement Schemes
- Non-Financial Statements

WORKPLACE, PREVENTION, AND ENFORCEMENT ISSUES

- Occupational Fraud and Abuse
- Fraud Deterrence
- Ethics and Conduct
- The Future of Fraud

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending lectures and seminars

Solving problems

Discussing selected topics

Analyzing case studies

Listening and discussing with guest speakers from industry and law enforcement

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Projects and/or Casework (minimum 2)

(20-40%)

Assessment Type 2

Quizzes and/or short assignments (minimum 2)

(10-25%)

Assessment Type 3

Participation

(5-10%)

Assessment Type 4

Midterm (25%)

**Assessment Type 5**

Final Examination (25%)

TOTAL

0

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Challenge Exam
External Evaluation
Interview
Product/Portfolio

Required Learning Resources

Wells, J. (2004). Corporate Fraud Handbook. Hoboken, NJ. John Wiley & Sons, Inc

Recommended Learning Resources

Current articles and readings as selected by the instructor

ACFE video series

Does this course require the use of animals?

No

Date for Next Review

2028-09-01

Key: 232

COOP 1101: INTRODUCTION TO PROFESSIONAL AND CAREER READINESS

In Workflow

1. Co-op Education Chair (ShariAnn.Herrmann@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (landon.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. OReg-Courses (Course.Outlines@kpu.ca)
7. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Thu, 13 Mar 2025 23:25:46 GMT
Shari Ann Herrmann (ShariAnn.Herrmann): Approved for Co-op Education Chair

History

1. Jul 5, 2023 by Ashley Allison (ashley.allison)

Date Submitted: Wed, 05 Mar 2025 18:05:22 GMT

Viewing: COOP 1101 : Introduction to Professional and Career Readiness

Last approved: Wed, 05 Jul 2023 03:01:39 GMT

Last edit: Thu, 13 Mar 2025 22:24:58 GMT

Changes proposed by: Ulrich Paschen (100391038)

Reviewer Comments

Ulrich Paschen (ulrich.paschen) (Wed, 05 Mar 2025 18:07:25 GMT): Removed "Declaration of COOP Option" at department's request, with the intention to lower barriers to entry. COOP currently has no faculty rep on CurrCom, so please direct any inquiries to Shari Ann Herrmann

Ulrich Paschen (ulrich.paschen) (Sun, 09 Mar 2025 07:05:45 GMT): Workflow was started, but change does not show up as saved

Virginia Vandenberg (virginia.vandenberg) (Tue, 11 Mar 2025 20:43:20 GMT): Change made in proposal - workflow will update after curriculum committee step.

Virginia Vandenberg (virginia.vandenberg) (Thu, 13 Mar 2025 22:25:33 GMT): Removed Course Registration Restrictions at the request of the Co-Op Chair.

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Co-op Education

Implementation Date

Fall 2025

Subject Code

COOP - Cooperative Education

Course Number

1101

Descriptive Title

Introduction to Professional and Career Readiness

**Short Title**

Intro Prof & Career Readiness

Fee Category 2.a.1?

Yes

Calendar Description

Students will learn the philosophy and goals of Co-operative education and Work-integrated Learning (WIL) in order to compete for their first co-op placement and career related opportunities. They will analyze job postings while reflecting on and identifying personal qualities, knowledge and skills that meet job requirements. They will learn to communicate these transferable skills to future employers and to develop effective cover letters and resumes. Students will also be introduced to networking, professionalism in the workplace and gain relevant skills in handling professional employment interviews.

Credits

1

Lecture Hours

1.5-3

Lab Hours

0

Other Hours

0

Contact Hours

1.5-3

Is this course repeatable for additional credit?

No

Schedule Types**Schedule Type**

Class

Schedule Types

Schedule Type	Delivery Model	Class Size	Workload
Class		35	1
Seminar		35	.27
Exam			

Course Attributes**Course Registration Restrictions**

Include Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Identify the philosophy and goals of Co-operative Education and WIL
2	Describe the roles and responsibilities of the partners in Co-operative Education and WIL
3	Locate and research specific organizations for potential employment opportunities
4	Identify the personal qualities, knowledge and skills that meet job requirements
5	Prepare an effective resume, cover letter and introduction to online portfolios
6	Apply appropriate professional communication and job interview skills

Content will include, but is not restricted to, the following:

- Introduction to Co-operative Education and WIL- philosophy, goals, roles/responsibilities, key stakeholders
- Job searching and developing work opportunities
- Researching, understanding and networking in the labour market
- Recognizing and understanding the qualities, knowledge and skills employers require
- Identifying and evaluating personal qualities, knowledge and skills through self -assessment
- Writing effective résumés, cover letters and introduction to online portfolio
- Networking and interviewing effectively for career related opportunities
- Discuss stakeholder relationships (such as employer/community partners, colleagues, peers, KPU, instructors and student)

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Attending lectures and taking notes

Participating in class discussion (current job prospects, effectiveness of interview strategies, online forums, etc.)

Preparing resumes, cover letters, and similar documents

Participating in mock job interviews

Participating in class activities (role playing, resume feedback, case study discussions, etc.)

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Resumes, Cover Letters, Profiles (minimum of 3 assignments with no one exceeding 30%)

Type 1 Value

50

Assessment Type 2

Mock Job Interviews

Type 2 Value

25

Assessment Type 3

Class Assignments (minimum of 2 assignments) (will be specified in course presentation; may include quizzes, forum responses, presentations, etc)

Type 3 Value

25

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Interview

Product/Portfolio

Required Learning Resources

N/A

Does this course require the use of animals?

No



Course Developer(s)

Khairunnisa Ali;Lindsay Wood;Leanne MacKenzie;Melissa Drury;Shawn Erickson;Anita Sangha;

Course Reviser(s)

Khairunnisa Ali;

Date for Next Review

2025-09-01

Key: 1491

HRMT 2115: HUMAN RELATIONS IN ORGANIZATIONS

In Workflow

1. Human Resources Mngt Chair (lesley.mccannell@kpu.ca;marla.mcmullen@kpu.ca)
2. ORegCurrConsult (oregcurrconsult@kpu.ca)
3. SB Curriculum Committee (ulrich.paschen@kpu.ca)
4. SB Council (landon.kleis@kpu.ca)
5. SB Dean (Heather.Harrison@kpu.ca)
6. Senate Standing Committee on Curriculum (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
7. Senate (Catherine.Schwichtenberg@kpu.ca; Michelle.Molnar@kpu.ca)
8. OReg-Courses (Course.Outlines@kpu.ca)
9. Banner (Course.Outlines@kpu.ca)

Approval Path

1. Thu, 06 Mar 2025 03:08:33 GMT
Lesley McCannell (Lesley.McCannell): Approved for Human Resources Mngt Chair
2. Thu, 06 Mar 2025 17:49:36 GMT
Ashley Allison (ashley.allison): Approved for ORegCurrConsult
3. Tue, 11 Mar 2025 07:22:14 GMT
Ulrich Paschen (ulrich.paschen): Approved for SB Curriculum Committee

History

1. Sep 11, 2023 by Ashley Allison (ashley.allison)

Date Submitted: Wed, 05 Mar 2025 22:51:56 GMT

Viewing: HRMT 2115 : Human Relations in Organizations

Last approved: Mon, 11 Sep 2023 15:22:14 GMT

Last edit: Wed, 05 Mar 2025 22:51:55 GMT

Changes proposed by: Ulrich Paschen (100391038)

Academic Level

Undergraduate (UG)

Faculty

Business

Department

Human Resources Mngt

Implementation Date

Fall 2025

Subject Code

HRMT - Human Resources Management

Course Number

2115

Descriptive Title

Human Relations in Organizations

Short Title

Human Relation in Organization

Fee Category 2.a.1?

Yes

Calendar Description

This course focuses on the development of emotional intelligence and intercultural awareness, knowledge and skills, necessary to communicate and interact effectively with a variety of individuals and groups in organizations. By focusing on self-awareness and an increased understanding of others, the course will assist the learner to explore the relationship between values, beliefs, perspectives and effective interactions. They will further their development of interpersonal skills that contribute to effective functioning in organizational settings. Students will assess their human relations strengths and weaknesses and identify opportunities to substantially increase individual contribution to the organization and achieve higher levels of personal fulfillment in their careers and lives.

Credits

3

Lecture Hours

3,4

Contact Hours

3,4

Is this course repeatable for additional credit?

No

Prerequisites

30 credits from courses at the 1100 level or higher

Schedule Types

Schedule Type

Class

Course Attributes

Course Registration Restrictions

Include Undergraduate

Course Learning Outcomes

A student who successfully completes the course will have reliably demonstrated the ability to:	
1	Integrate emotional intelligence components including self awareness, self regulation, self motivation, empathy and social skills to promote strong relationships and personal development
2	Examine personal leadership and identify strengths and opportunities
3	Use conflict resolution models and skills to address personal conflict
4	Use an intercultural lens to explore biases, privilege and perspective taking to create and maintain inclusive workplace relationships and environments
5	Use team development models, facilitation and team performance management to create a collaborative and effective team environment
6	Relate principles of Indigenous knowledge to professional interactions

Content will include, but is not restricted to, the following:

- Emotional intelligence models and skills
- Growth mindset
- Personal Leadership model
- Facilitation model
- Facilitation skills
- Foundations of intercultural awareness and intercultural communication skills
- EDI concepts relating to unconscious bias, privilege, perspective taking
- Giving and receiving constructive feedback
- Conflict resolution model skills
- Team development models and practices for inclusive environments
- Principles of Indigenous Knowledge

Course Learning Activities

Learning activities should be appropriately related to learning outcomes. Activities may include, but are not restricted to, the following:

Complete ongoing self-assessment and personal reflection

Small and large group facilitation

Collaborative group work

Reading, watching and listening to course material

ePortfolio development

Small and large group discussion

Research

Assessment

Assessment plans comply with KPU policy and may resemble the following:

Add the details about 1 assessment prior to W date, note that an assessment can evaluate multiple LO, ensure that each LO has been evaluated, should have multi modes of assessment (not all exam based for example)

Assessment Type 1

Individual assignments including a reflective journal (minimum of three assignments)

Type 1 Value

50

Assessment Type 2

Group Project

Type 2 Value

30

Assessment Type 3

Learning Contribution

Type 3 Value

10

Assessment Type 4

ePortfolio

Type 4 Value

10

TOTAL

100

Grading System - default

Letter Grades (N)

Methods for Prior Learning Assessment

Demonstration

Interview

Product/Portfolio

Required Learning Resources

Readings from online resources will be provided by the instructor. Students will be required to perform searches in article indexes and databases, accessible online from the Library website

Does this course require the use of animals?

No



External Accrediting Body

CPHR

Course Developer(s)

Lesley McCannell;

Course Reviser(s)

Lesley McCannell;Marla McMullen;

Date for Next Review

2027-09-01

Key: 3654

Report of the March 3, 2025, Senate Meeting to Faculty Council Chairs

The Senate meeting commenced with an overview of the new OnBoard voting system. As the current voting system was no longer available, a new voting system was required. Senators were patient as bugs were ironed out, and thanks to the help of Lily, Michelle, Sonia, and Ruby working behind the scenes, all voting members were supported to cast their votes throughout the meeting.

After reports from Alan Davis and Diane Purvey, Senate went on to motions from SSC Curriculum. They approved program revisions to four Bachelor of Science programs, including the Major and Honours in Biology and Health Science, which were revised to align declaration requirements with other Science and KPU programs. The changes will result in improved access and student support. The Bachelor of Journalism and Bachelor of Journalism (Honours) program revisions were also approved. These changes will provide more flexibility for students and came about from the Program Review Process.

In addition to approving the SSC Curriculum approved list of 7 new, 16 revised, and 2 discontinued course outlines, Senate approved replacing five MATH courses with STAT, reflecting their actual content.

From SGNC came a motion to approve the nominations of Seng Sengsavanh and Caja Blomley to SSCTL and Winnie Wong to SSCC MicroCredentials Subcommittee. There was also a motion to approve the SSC Policy's membership change, both were approved. This change to Policy will align the committee's membership with other Senate Committees, having representatives or Senators from every KPU Faculty.

The 25/26 university budget was recommended to the Senate by SSCAPP/SCUB, and so at Senate, Carole LaPlante, Interim Director, Financial Services and Dr. Lori McElroy, AVP OPA, presented KPU enrollment updates and the draft budget 25/26. Senate endorsed the Fiscal 2025-26 draft Budget, agreeing that it aligns with the Budget Principles and Priorities, as presented.

An institutional recognition request for Focus College was approved after a presentation by Shari Ann Harmann, and then Senate moved on to Draft Policy and Procedure AC16. After the motion was on the table, committee members spoke thoughtfully, providing a variety of perspectives both on the process of establishing the draft policy and the possible effects of the policy. After ensuring that all who wished to speak had been heard, the vote was held, and AC 16 was recommended to the Board of Governors. Based on the AC16 outcome, a motion for Senate to form a standing committee on Academic Title Awards was approved.

Also, from the Executive committee came the 2025-2026 Senate and Committee Meeting Calendar. In building the calendar, the Senate office considered the work of each committee, the work of faculty members during exam week, the varying start times of committees, and above all, the relationship of each committee to Senate and Senate to the BoG. The meeting calendar for 2025/2026 has fewer meetings and more time consistency, and it is easy to identify links between committees, the Senate, and the Board of Governors. It is hoped that having the calendar out early and before faculty schedules are prepared will support Senators, Faculty representatives and their Dean's office to plan accordingly.

Respectfully



Catherine Schwichtenberg
Vice Chair, Senate