

WHAT YOU NEED TO KNOW ABOUT KWANTLEN'S FIELD SCHOOL

This document outlines basic information regarding equipment needs, working conditions, and course content for the field school.

Courses: ANTH 3301 (CRM Methods), ANTH 3340 (BC Archaeology) and ANTH 3361 (Field Studies). All courses are co-requisite and must be taken together. Total for the three courses is 12 credits.

Cost: \$1,100 plus regular tuition for 12 credits.

Start Date: Late May

Finish Date: Early August

Locations: Cloverdale campus, and Boston Bar in the Fraser Canyon

1.0 WHAT DO YOU NEED TO BRING? EQUIPMENT LIST

Students will be required to supply, at their own expense, the following list of personal equipment. Field school instructor(s) will inspect this equipment during an orientation to be held in May. If your gear is found unsuitable, you will be required to replace it. Please seek advice from Brian Pegg (brian.pegg@kwantlen.ca) regarding this equipment if you are unsure about exactly what is required. Please note that this is not a comprehensive list – use your common sense. Have fun shopping. The cost of this gear can add up quickly, so search around and try to borrow as much as you can.

The quality of your field equipment will be directly related to your enjoyment and learning outcomes of the courses. Please pay careful attention to this. I recommend Mountain Equipment Co-op, Valhalla Pure, or Deakin Equipment as places to purchase this gear. **DO NOT** get your most important gear from Canadian Tire, WalMart, or your cousin's moldy basement!!!!!! Students can obtain a 10% discount at Deakin Equipment by showing a student card.

Students will be provided with a cook stove and a full tank of propane, each one shared between 4 students. In addition, Kwantlen provides a pop-up shelter to go over your picnic table. **Successful applicants will be required to attend an information session where equipment needs will be carefully explained.**

Why do you need such a comprehensive list of gear? First, field school students will be camping for 5 weeks, at least five nights a week. Students will be cooking or preparing their own food, breakfast, lunch, and dinner. You will need the appropriate gear for you to stay comfortable, dry, and well fed. Second, the field school will be held in a challenging environment and appropriate gear is critical not only to comfort but to safety. The proper boots, for instance, can make the difference between enjoying yourself in the woods all day and needing to go to the hospital with a broken or badly sprained ankle. Last, some of the gear on this list will be with you the rest of your life and is gear you will need if you get a job working in archaeology in BC.

If you wish to “prepare” for field school, go hiking and camping!



Caulk boots: high top boots with metal cleats screwed into the soles. These boots are very good for travelling through forested areas because they allow you to walk on wet wood or mud without losing your footing. For the field school, they are optional - get them if you plan on a career in archaeology. Good quality caulks are made by Viking and are available at Deakin Equipment. The lace up boots are recommended over the non-lacing version. Think carefully about purchasing these boots, however – they are not useful for anything but fieldwork in the forest.



Cruiser vest: a high visibility vest with numerous pockets for carrying food, water, notebook, camera, compass, or other items. A cruiser vest is far superior to a backpack because you do not need to remove it to access your equipment. For the field school, they are optional but highly recommended. A good quality vest is the Stoneblaze vest from Deakin.

Required. YOU MUST HAVE ALL THIS EQUIPMENT TO ATTEND	Recommended	Approximate Cost
Survey, Safety Equipment and Clothing		
Most items on this part of the list can be obtained from Deakin Equipment Ltd. 1361 Powell Street, Vancouver - www.deakin.com		
Survey grade compass with declination adjustment and sighting mirror.	Suunto MC-2	\$80
Day pack or <u>cruiser vest</u> .	Nylon cruiser vest with high visibility stripes.	\$120
High visibility mesh safety vest. If you purchase a cruiser vest, this is not required.		\$20
Raingear – top and bottom	Pioneer forestry-grade rain gear with rubberized coating	\$120
Hiking boots – high top NOT hiking shoes. Avoid steel toes. This is probably the most important piece of your equipment.	High quality, don't skimp here.	\$160
Rite in the Rain 6 inch No. 2 Field binder		\$15
Duksbak waterproof paper – 7x4.5 metric field level / grid – 100 sheets	Don't get Rite in the Rain paper	\$20
Gloves	Nylon and rubber gardening gloves	\$10
Water bottle or bladder – 2 litres		\$15
Sunscreen and insect repellent		\$15
Personal first aid kit	BC – Personal (1 pressure dressing, 6 adhesive dressings, 6 wound cleansing towelettes)	\$20
Camping Equipment		
Tent	Choose quality!	\$250
Sleeping pad	Thermarest plus ensolite pad or Downmat	\$80
Sleeping bag	Choose quality!	\$150 minimum
Tarpaulin (at least 2 m x 2 m in area)	WalMart OK!	\$25
4 mm Nylon cord – 20 m	WalMart OK!	\$10
Cooler	WalMart OK!	\$30
Utensils and cooking gear	Stainless steel	\$30
Headlamp NOT a flashlight or Coleman lantern.	Petzl brand with spare batteries	\$30
Folding knife and lighter	No large “hunting” knives needed.	\$40
Folding camp chair	WalMart OK!	\$20



Excavation at a shell midden on the Sunshine Coast near Powell River. Excavation involves cramped positions and spending the day in the dirt.



*Survey for culturally modified trees the South Ainslie near Boston Bar. Rain or shine!
Usually, no trails exist in the survey location!
Photo shows survey field gear required on Kwantlen's field school.*

2.0 WHAT WILL IT BE LIKE?

Field school will consist of a lab component, class component, survey component, and excavation component.

2.1 Physical fitness

Your ability to safely complete the field school is largely dependent upon a basic level of physical fitness. You will be travelling through and working in difficult mountain and forest environments often with no trail, and in the event of an emergency, may be called upon to assist others who can no longer move. If you are not physically fit, you may experience or cause problems ranging from not completing the necessary work, to injuring yourself or others, to not being able to help someone else who is injured.

This is not to say that only athletes are welcome. The great majority of students will have no great difficulty with the physical aspect of the work. If you wish to test yourself, go hike the Grouse Grind, the Stawamus Chief in Squamish, or Pump Peak on Mount Seymour. These are not easy hikes and are much more difficult than any of the work we complete at field school. If you are able to complete any of these hikes, you will be unlikely to have problems with any of the physical aspect of field school work.

2.2 Prep component. May.

Students will be required to attend a start up meeting in early May at which equipment, logistics, and student questions will be addressed. In addition, students will have some readings and assignments to complete in May prior to the start-up of lab and class work in June.

2.3 Lab and class component. Early to mid June.

For the first two weeks of field school beginning on June, students will be attending the Cloverdale campus. Students will be in class, lab, or outdoors at Cloverdale from 9:00 AM until 3:30 PM, four days of the week, Mon to Friday. During this time, students will be introduced to many of the technical skills that will be further developed in the field, including GPS and mapping, orienteering, health and safety, and map and air photo interpretation. Some lecture hours will also be spent during this first two weeks working on the history and prehistory of British Columbia, heritage legislation in BC, and the state of the professional field of archaeology in the province.

Students will need to come to campus with appropriate footwear and clothing for outdoor work, but will have easy access to indoor facilities and will not be camping.

During this time, students will attend a first aid training session organized by St. John's Ambulance, and will have the opportunity to certify in Basic First Aid (equivalent to WCB Level 1).

2.4 Survey component. Mid to late June.

Following completion of the first two weeks at the Cloverdale campus, students will travel to Boston Bar (approximately 2.5 hours from the lower mainland) in their own vehicles and set up camp at the Anderson Creek campground in Boston Bar, which is easily accessible off of Highway 1. Students are responsible for arranging their own transportation.

2.4.1 Camping at Anderson Creek.

Students will be staying in tents at a vehicle accessible campground near the Fraser River, about 2 km south of the community of Boston Bar. This is a fairly basic campground with picnic tables, tent sites, bathrooms, running hot water, and showers. Students will be responsible for feeding themselves, staying clean, and keeping order in the campground.

2.4.2 Survey and Inventory Component

Students will work in semi-remote areas to develop detailed inventories of archaeological remains within areas selected by our First Nations partners. We will look for CMTs, ancient campsites, rock art, trails, pithouses, and historic cabins or other structures. Work takes place in mountainous and forested locations, and can be physically demanding with a need to travel through several kilometres of survey terrain each day. Students will work in autonomous teams of 4, and are responsible for individual survey areas.

2.5 Excavation component.

Depending on sites identified, detailed excavations will take place to establish baseline information (age, ethnicity of occupants, extent of cultural materials). During excavation, students will be working at a single site for several weeks, with less overland travel than the survey component. However, access will still likely require a significant hike.

2.6 Post field lab and classroom. Mid July until mid August. Cloverdale.

The outdoor component will now be over but there is still much more to learn! Students will pack up their camp and return to Cloverdale, bringing their GPS data, photographs, field notes, tree ring samples, site maps, profiles, and artifacts from the excavation. These materials and data will then be developed into an archaeological site inventory form to be input into the Provincial Heritage Register Database. Students will also be responsible for writing the “Results” section of a technical report detailing the activities of the field school.

This will involve extensive use of computer mapping software and spreadsheets, washing, cataloguing and analysis of artifacts, analysis of tree ring samples, and many other activities.

3.0 YOUR FIELD SCHOOL FEES – WHAT IS INCLUDED?

A total fee of \$1,100 be collected from students. This will cover many of the basic expenses of the field school. Kwantlen collects these fees on a cost-recovery basis only, no extra money is being made from student fees.

The fees cover the following:

- Camping expenses
- Rental of a single field vehicle, including fuel, to carry equipment
- Wages for a field assistant
- First Aid course (St. John's Level I)
- High-budget field and lab equipment (GPS, increment borers, microscopes)

It is important to remember that the following is not covered by student fees:

- Personal transport to and from the field school locations (students must drive their own vehicles or car pool with each other)
- Food
- Most basic field equipment (compass, raingear, notebooks, footwear)
- Camping equipment

4.0 WHAT WILL YOU LEARN AND WHY?

The following is a list of the core skills and knowledge areas which will be introduced and developed over the course of the field school. These are the core skill and knowledge areas and do not cover every aspect of field school learning outcomes

- GPS – mapping and navigation
- Orienteering – mapping and navigation
- Maps and air photos – interpretation, navigation, and use for site mapping
- BC Archaeology – culture history
- BC Archaeology – legislation and professionalism
- BC Archaeology – First Nations perspectives
- Health and safety – planning, responses, and first aid
- Teamwork – accomplishing projects in a cooperative group environment
- Recording archaeological sites – provincial standards as defined by the Archaeology Branch in Victoria
- Archaeological site inventory database – obtaining and compiling site information
- Archaeological survey – transects, mapping, and site recognition
- Archaeological excavation – layout, mapping, profiles, sediments, artifact recognition
- Dendrochronology – tree ring dating
- Historic and prehistoric archaeology – artifact analysis and dating
- Report preparation – documentation of inventory and excavation results
- Field data collection – photography, field notes, site maps

ALL of these skills are critical if you wish to work in the field of archaeology or cultural resource management in British Columbia or elsewhere.

5.0 FOR STUDENTS FROM OUTSIDE KWANTLEN

Post-secondary students from outside of KPU are welcome to attend field school, and it is likely that the Kwantlen credits will transfer to your institution (see your academic advisor!). If you are not a Kwantlen student, you will need to take the extra steps to enrol at Kwantlen for the field school semester. The anthropology faculty will help you with this process.