

PARTSPERSON (PRTS)

This is a list of the Partsperson (PRTS) courses available at KPU.

PRTS 1100 **2 Credits**

Parts Trade Introduction and Safety

Students will be introduced to the parts trade through a variety of information including modules and videos. They will complete practical assignments working on the parts and service counter. Students will use a variety of measuring tools and techniques to perform accurate measurements. They will identify and select mechanics' air and hand tools for use by the shop technicians. Students will complete a computer-based on-line program for Workplace Hazardous Materials Information Systems (WHMIS).

PRTS 1110 **3 Credits**

Warehousing Tasks & Parts Catalogues

Students will learn to identify and differentiate between different kinds of warehouse systems. They will set up a mini warehouse and stock items based on two types of stocking procedures. Students will become familiar with the many different catalogue systems available, and will be able to locate accurate part numbers for a variety of applications. Students will complete an assignment on the parts and service counter of approximately one week.

PRTS 1120 **4 Credits**

Counter Duties and Basic Vehicular Systems

Students will learn the principles of good inventory control and will perform inventory counts. They will complete work orders and parts sales invoices. Students will perform price calculations including chain discounts, mark-ups, and pricing structures. They will be introduced to basic engine theory and operation. Students will complete an assignment on the parts and service counter of approximately one week in length.

PRTS 1130 **3 Credits**

Mechanical Parts Introduction

Students will become familiar with the construction and operation of engine belts, hoses, filters, bearings, and batteries. They will learn to select the correct belt, hose, filter, bearing, or battery for a specific application from a variety of parts catalogues. Students will learn the requirements for storage of seals and gaskets. They will study the application and operation of a variety of automotive service technician's specialty tools including pullers, cooling system tools, brake tools, and air tools. Students will complete an assignment on the parts and service counter of approximately one week in length.

PRTS 1140 **2 Credits**

Standard Stock, Lubricant & Shop Supplies

Students will learn to identify and measure threaded fasteners and fittings, and to select the appropriate items needed from parts catalogues. They will learn about friction and lubrication as it relates to the automotive trade, and will be able to select the correct engine, transmission and gear oil based on the API and SAE classification ratings. Students will complete an assignment on the parts and service counter of approximately one week in length.

PRTS 1150 **2 Credits**

Catalogues and Engine Components

Students will locate dealer catalogue part numbers through use of a computer, microfiche, and parts catalogues. They will learn the design and function of engine blocks and internal components, cylinder heads, oil pans, valve covers, and related retail items. Students will practice selecting the correct part number from a variety of catalogues for the components mentioned above. Students will complete an assignment on the parts and service counter of approximately one week in length.

PRTS 1160 **3 Credits**

Engine Support Systems

Students will learn the function and operation of components on the lubrication system, cooling system, fuel system, and exhaust and emission control systems on automobiles. They will practice selecting, from catalogues, the correct part for applications for these systems. Students will complete a practical assignment on the parts and service counter of approximately one week in length.