

YukonU Program Planning Guide

School of Trades



Heavy Equipment Technician Certificate and Diploma

Year 1			
Course Requirement	Credit	Term	Done
HET 100 – Safety, Materials, and Tools	5	Fall/Winter	
HET 101 – Suspension, Wheels, and Systems	3	Fall/Winter	
HET 102 – Hydraulic Brake Systems	8	Fall/Winter	
HET 103 – Electrical and Electronics	8	Fall/Winter	
HET 104 - Hydraulics	2	Fall/Winter	
HET 105 – Air Brakes	3	Fall/Winter	
Total Credits	29		

Year 1 Continued			
Course Requirement	Credit	Term	Done
HET 002 – Shop Projects	0	Fall/Winter	
RIGG 001 – Rigging and Hoisting	0	Fall	
H2S 001 – H2S Alive	0	Fall	
WHMS 001 – Workplace Hazardous Materials	0	Fall	
TDG 001 – Transportation of Dangerous Goods	0	Fall	
FA 003 – Standard First Aid	0	Fall	
Total Credits	0		

Year 2			
Course Requirement	Credit	Term	Done
HET 201 – Engine Fund, Service and Repair	5	Fall	
HET 202 – Engine Systems	2	Fall	
HET 203 – Diesel Fuel	2	Fall	
HET 204 – Electronics Fuel	4	Fall	
HET 205 – Charging and Cranking	3	Fall	
HET 002 – Shop Projects	0	Fall	
Total Credits	16		

Year 2 Continued			
Course Requirement	Credit	Term	Done
HET 301 - Hydraulics	7.5	Winter	
HET 302 – Steering and Suspension Systems and Accessories	2	Winter	
HET 303 – Powertrain (Specific to Off-Road)	6	Winter	
Total Credits	15.5		

Graduation Requirements & Yukon First Nations Core Competency

All courses must be completed. Because shop time is limited and shared with other programs, attendance is mandatory, and students should speak with their instructors about School of Trades attendance expectations.

Yukon College recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, you will be required to achieve core competency in knowledge of Yukon First Nations.

For details, visit [Yukon First Nations Core Competency](#).

NOTES

In year one, all courses above are taken in a BLOCK from the beginning of the fall semester until the middle of the winter semester. In the second year, all level 2 courses above are taken in a BLOCK in the Fall and all level 3 courses listed above are taken in a BLOCK in the winter semester.

If you register as an apprentice and earn enough hours as required by YG, you may wish to enter level 2 technical training. This can be done by maintaining regular communication with YG apprenticeship branch so they are aware of your hours worked and so you are aware of upcoming training opportunities.

If you register as an apprentice and earn enough hours as required by YG, you may wish to enter level 3 technical training. This can be done by maintaining regular communication with YG apprenticeship branch so they are aware of your hours worked and so you are aware of upcoming training opportunities.

Student Responsibility

You are responsible for the completeness and accuracy of your registration and for determining the requirements of your program. Always read course descriptions before you register to determine if you have the necessary prerequisites and pay attention to notes on mutually exclusive and cross-listed courses (pairs of courses in which credit will be awarded for only one).

Program Advising

No program advising is necessary to apply to and register in this program. To speak with a School of Trades staff member, call (867) 332-2347.