

HEAVY EQUIPMENT OPERATOR PROGRAMS –2009

HEO Foundation: This 4 week course has been developed with the support of the BC Road Builders & Heavy Construction Association as a pre-employment program. It gives an overview of the industry including safe work practices, environmental requirements, orientations to equipment and tools, and an introduction to civil engineering principles. Foundations will satisfy the pre-requisite requirements for the HEO Technician (Apprenticeship) program and for other heavy construction apprenticeship programs currently being developed; including asphalt paving, utility installation and road maintenance. The following certifications are provided:

- Occupational First Aid
- Traffic Control
- Workplace Hazardous Materials Information Systems (WHMIS)
- ITA Certificate of Completion

March & August 2009 \$725.00

ITA HEO Technician Certificate Program: This is an Industry Training Authority apprenticeship program for those pursuing a certificate of qualification for the operation of one or more types of heavy equipment. Graduates will be registered apprentices and can then begin ‘logging’ the operating hours and competencies required for endorsement either through our HEO Machine Training Program or through immediate employment in industry. This 5 week course builds on the general heavy construction content of the Foundations program with additional training specific to heavy equipment including:

- Worksite health and safety
- Types and capabilities of heavy equipment and attachments
- Heavy equipment mechanical systems
- Basic repairs, maintenance, inspection & monitoring of equipment
- Job control and engineering basics, drawings, survey instruments
- Environmental awareness and requirements, sediment control

Students will receive orientations to excavator, dozer, loader, and articulated rock truck including extensive practical training for pre-operational checks and maintenance, identification of mechanical components, operating tips and 3 hours of seat time on each machine type for a total of 12 hours. Students are encouraged to choose one of the equipment types and continue to develop operating competency through our HEO Machine Training Program.

March & September 2009 \$650.00

HEO Machine Training:

This intensive hands-on program provides students with the operating fundamentals and ‘seat time’ experience to develop entry level competency as a heavy equipment operator. Students learn essential operating fundamentals by completing practical earth moving exercises. A step-by-step progression introduces increasingly advanced skills and operating principles. Pre-operational checks, equipment maintenance, interpretation of drawings and grades stakes, basic grade checking instruments, and constant reinforcement of safety are important elements of the training. The program provides 3 to 8 weeks of training, (25 hours per week) depending on the machine type:

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|------------------------|---------|--------------------|---|
| Excavator | 8 weeks | \$12,800.00 | |
| Backhoe | 6 weeks | \$ 9,600.00 | |
| Dozer | 6 weeks | \$ 9,600.00 | |
| Grader (entry level) | 6 weeks | \$ 9,600.00 | |
| Front End Loader | 3 weeks | \$ 4,800.00 | |
| Articulated Rock Truck | 3 weeks | \$ 4,800.00 | (need airbrake endorsement) |
| Skid Steer | 3 weeks | \$ 4,800.00 | |
| Dump Truck & Pup | 1 week | \$ 1,600.00 | (need Class I and airbrake endorsement) |

Custom machine training schedules can be designed to meet your requirements; for more information please call the **Program Chair (250) 740-6120** or the **Registration Clerk (250) 740-6227**. If you are unable to reach us please leave a message and your call will be returned as quickly as possible.

Road Building & Heavy Construction Equipment Operator Certificate:

This program combines HEO Foundation, ITA HEO Technician and HEO Machine Training into one program.

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|---------------------------|----------|--------------------|
| RBCH with Excavator | 17 weeks | \$14,000.00 |
| RBCH with Backhoe | 15 weeks | \$10,800.00 |
| RBCH with Dozer | 15 weeks | \$10,800.00 |
| RBCH with Grader | 15 weeks | \$10,800.00 |
| RBCH with Loader | 12 weeks | \$ 6,000.00 |
| RBHC with Art. Rock Truck | 12 weeks | \$ 6,000.00 |

Student loans are available for this program; please contact our Financial Aid Department at (250) 740-6423 for more information.

March – June & August - December 2009
\$6,000.00 - \$14,000.00

For more information on any of these programs please call the **Program Chair (250) 740-6120** or the **Registration Clerk (250) 740-6227**. If you are unable to reach us please leave a message and your call will be returned as quickly as possible.

INFORMATION FOR STUDENTS:

HEO Programs run 25 hours a week, either Monday to Thursday or Tuesday to Friday. All programs take place at our training site on Timberlands Road (by Nanaimo airport).

Admission to the HEO programs requires that students be 18 years of age, have grade 10 or equivalent education, possess a valid driver's license and be physically fit. Please note that Assessment testing is required for acceptance into the HEO Foundation program.

Students must provide their own safety equipment; hard hat, high-visibility vest, hearing protection, gloves (pack of 10), a watch, and steel-toed boots. An eye level is also required. Training will not start if students do not have the proper safety equipment.

Students are required to pay a \$400 commitment fee to hold their place in the programs. This deposit is non-refundable. If a student is being sponsored for their training, a letter of sponsorship from the appropriate agency is required at time of registration. Cancellation of a sponsored student will result in a charge to the sponsoring agency of the \$400 commitment fee.

There is a one-time VIU application fee of \$35 for these programs.

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