

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



**SAULT
COLLEGE**

COURSE OUTLINE

COURSE TITLE: Equipment Inspection & Pre-Delivery

CODE NO. : MSE130 and MSE617 **SEMESTER:** ONE

PROGRAM: Motive Power Fundamentals – Small Engine Repair (5084)
Small Engine Mechanic – Level 1 Apprenticeship (6090)

AUTHOR: Gord Strachan

DATE: October **PREVIOUS OUTLINE** October
2014 **DATED:** 2013

APPROVED:

“Corey Meunier”

CHAIR **DATE**

TOTAL CREDITS: ONE

PREREQUISITE(S):

HOURS/WEEK:

Copyright ©2014 The Sault College of Applied Arts & Technology
Reproduction of this document by any means, in whole or in part, without prior written permission of Sault College of Applied Arts & Technology is prohibited.
For additional information, please contact Corey Meunier, Chair
Technology & Skilled Trades
(705) 759-2554, Ext. 2610

I. COURSE DESCRIPTION:

Upon successful completion of the reportable subject, the student is able to identify powered equipment and unit vehicle types and application and perform pre-delivery inspection service in accordance with government safety regulations and the requirements of the specified trade related task.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

Upon successful completion of this course, the student will demonstrate the ability to:

1. *Identify the types and applications of powered equipment and unit vehicles.*

Potential Elements of the Performance:

- Identify the types and applications of powered equipment
- Identify the types and applications of unit vehicles

2. *Perform pre-delivery of powered equipment and unit vehicles in accordance with government safety regulations.*

Potential Elements of the Performance:

- Describe the visual inspection of powered equipment and unit vehicle systems and components.
- Perform pre-delivery and setup of powered equipment and unit vehicle systems and components.

3. *Describe the requirements of lifting, rigging and moving of powered equipment and unit vehicles.*

Potential Elements of the Performance:

- Describe the requirements of rigging and lifting of powered equipment and unit vehicle systems and components.
- Perform safe moving of powered equipment and unit vehicle systems and components.

III. TOPICS:

1. Introduction To Powered Equipment and Unit Vehicles
2. Perform Pre-Delivery of Powered Equipment and Unit Vehicles
3. Lifting, Rigging and Moving of Powered Equipment and Unit Vehicles

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:**Title:** Understanding the Outboard Motor**Edition:** 3rd**Author:** Stagner**Publisher:** Pearson Education**Title:** Boat Owner's Mechanical and Electrical Manual**Edition:** 3rd**Author:** Calder**Publisher:** McGraw Hill**Title:** Small Gas Engines**Edition:** 10th**Author:** Roth**Publisher:** Goodheart-Willcox**Title:** Small Gas Engines (workbook)**Edition:** 10th**Author:** Roth**Publisher:** Goodheart-Willcox

CSA Certified 6 inch Leather Safety Boots
CSA Certified & Impact Resistant Safety Glasses
Coveralls (non-flammable material - i.e. cotton)
Shop Coat (optional)

V. EVALUATION PROCESS/GRADING SYSTEM:

Theory Testing	30%
Application Experiences	40%
Final Assessment	30%

The following semester grades will be assigned to students:

Grade	<u>Definition</u>	<i>Grade Point Equivalent</i>
A+	90 – 100%	4.00
A	80 – 89%	3.00
B	70 - 79%	2.00
C	60 - 69%	1.00
D	50 – 59%	0.00
F (Fail)	49% and below	
CR (Credit)	Credit for diploma requirements has been awarded.	

S	Satisfactory achievement in field /clinical placement or non-graded subject area.
U	Unsatisfactory achievement in field/clinical placement or non-graded subject area.
X	A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course.
NR	Grade not reported to Registrar's office.
W	Student has withdrawn from the course without academic penalty.

VI. SPECIAL NOTES:

Attendance:

Sault College is committed to student success. There is a direct correlation between academic performance and class attendance; therefore, for the benefit of all its constituents, all students are encouraged to attend all of their scheduled learning and evaluation sessions. This implies arriving on time and remaining for the duration of the scheduled session.

Attendance is mandatory except with a valid excuse. If late you will be marked absent for the whole hour. For every unexcused absence you will be deducted 1% per class period. Previous notification or a call the day of absence is required for excusal.

If you miss a test with an unexcused absence you will not be allowed to write that test.

If a class is missed or going to be missed it is your responsibility to notify your instructor and make arrangements for handouts and notes taken while you were away.

CSA approved safety glasses and safety boots must be worn in the shop at all times. Please have safety boots and safety glasses available because you may not have a lot of warning when going into the shop.

CELL PHONES OR PAGERS MUST BE TURNED OFF IN ANY CLASS.

VII. COURSE OUTLINE ADDENDUM:

The provisions contained in the addendum located on the portal form part of this course outline.