



COURSE OUTLINE: MAC100 - APPLIED TRADE SAF PR

Prepared: Peter Corbett

Approved: Corey Meunier, Chair, Technology and Skilled Trades

Course Code: Title	MAC100: APPLIED TRADE SAFETY PRACTICES
Program Number: Name	6345: GENERAL MACHINIST
Department:	MECHANICAL TECHNIQUES PS
Semesters/Terms:	22W, 22F, 23W
Course Description:	Upon successful completion the apprentice is able to describe metal characteristics and properties, metal manufacturing processes, and systems of classification and identification.
Total Credits:	1
Hours/Week:	6
Total Hours:	6
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
Essential Employability Skills (EES) addressed in this course:	<p>EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.</p> <p>EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.</p> <p>EES 5 Use a variety of thinking skills to anticipate and solve problems.</p> <p>EES 6 Locate, select, organize, and document information using appropriate technology and information systems.</p> <p>EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.</p> <p>EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.</p> <p>EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.</p> <p>EES 11 Take responsibility for ones own actions, decisions, and consequences.</p>
Course Evaluation:	<p>Passing Grade: 70%, B</p> <p>A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.</p>
Other Course Evaluation & Assessment Requirements:	<p>Other Course Evaluation Requirements: Smart watches, smart phones and similar devices are not allowed during tests or quizzes and must be removed.</p> <p>Grade Definition Grade Point Equivalent A+ 90 - 100% 4.00 A 80 - 89% B 70 - 79% 3.00</p>

In response to public health requirements pertaining to the COVID19 pandemic, course delivery and assessment traditionally delivered in-class, may occur remotely either in whole or in part in the 2021-2022 academic year.



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C 60 - 69% 2.00
 D 50 - 59% 1.00
 F (Fail) 49% and below 0.00
 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.

Books and Required Resources:

Technology of Machine Tools by Steve F. Krar, Arthur R. Gill, Peter Smid, Robert J. Gerritsen
 Publisher: McGraw Hill Edition: 8th
 ISBN: 9781260565782

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
1.1 Identify regulations as applicable to OSHA and WHMIS. (2 hrs)	
Course Outcome 2	Learning Objectives for Course Outcome 2
1.2 Describe safe procedures and practices when setting up and using machines, equipment, tools, coolants/lubricants, and cleaning agents. (2 hrs)	
Course Outcome 3	Learning Objectives for Course Outcome 3
1.3 Demonstrate use of all required protective clothing and gear. (2 hrs)	

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Quizzes and tests	100%

Date:

January 3, 2022

Addendum:

Please refer to the course outline addendum on the Learning Management System for further information.

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