SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

COURSE TITLE:	Building Code		
CODE NO. :	HMI 213	**SEMESTER:**	4
PROGRAM:	Home Inspection Technician		
AUTHOR:	Don Maki		
DATE:	January 2016	**PREVIOUS OUTLINE DATED:**	January 2015

APPROVED:

"Corey Meunier"

CHAIR **DATE**

TOTAL CREDITS:	3
PREREQUISITE(S):	N/A
HOURS/WEEK:	3

For additional information, please contact Corey Meunier, Chair
School of Technology & Skilled Trades
(705) 759-2554, Ext. 2610

I. COURSE DESCRIPTION:

House 2012 Ontario Building Code to develop and understanding of the portions of the 2012 Ontario Building Code that pertain to house construction largely based on Division B – Part 9 the Ontario Building Code along with applicable sections of the supplemental standards SB-1,SB-2,Sb-3,SB-7,SB-9 and Sb-12

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

1. Understand the purpose of the Ontario Building Code, and have the ability to classify buildings to determine applicable parts of the code for buildings.

2. Have the ability to determine what section of the building code Act gives persons the authority to construct, design, and regulate the code.

3. Have the ability to determine what sections of the code would deal with structural design, and what are the limits to designing buildings under Part 9 of the Ontario Building Code?

4. Have the ability to determine the minimum life safety elements as they apply to exiting, stairs means of egress and fire life safety for building with up to 2 dwelling units.

5. Have the ability to determine the minimum structural elements of the Code as it relates to construction of foundations, floor, wall, and roof systems for a house.

6. Have the ability to determine the minimum code requirements for energy efficiency with regard to thermal protection, air barrier systems, and heating and ventilation system for a house.

III. TOPICS:

1. Code Navigation
2. Building Code Act
3. Structural Design parameters
4. Minimum life safety design
5. Design requirements for structural elements
6. Energy efficiency

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

2012 Ontario Building Code Compendium – PDF Edition
Order on-line

V. EVALUATION PROCESS/GRADING SYSTEM:

Completion of all weekly assignments 50%
Midterm exam 20%
Final exam 30%

The following semester grades will be assigned to students:

Grade	**Definition**	*Grade Point Equivalent*
A+	90 – 100%	4.00
A	80 – 89%	
B	70 - 79%	3.00
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.

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.

It is the departmental policy that once the classroom door has been closed, the learning process has begun. Late arrivers will not be granted admission to the room.

All students are required to participate in weekly exercises along with presentation of exercise material.

VII. COURSE OUTLINE ADDENDUM:

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