

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



**SAULT
COLLEGE**

COURSE OUTLINE

COURSE TITLE: Sustainable Environmental Planning

CODE NO. : NET 254 **SEMESTER:** 4

PROGRAM: Natural Environment and Outdoor Studies

UTHOR: Stephen Turco

DATE: Jan 2012 **PREVIOUS OUTLINE
DATED:**

APPROVED: "B.Punch"

	CHAIR	DATE
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TOTAL CREDITS:

PREREQUISITE(S):

HOURS/WEEK: 3 hrs/week

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**For additional information, please contact Brian Punch, Chair, Environment and Design
School of Technology and Natural Resources
(705) 759-2554, Ext. 2681**

I. COURSE DESCRIPTION:

Canadian cities, at their origins, were located and planned based on their geographical location, i.e. fortresses, trading posts, railway towns. However, since the second World War, the vast expansion of Canadian cities, largely influenced by an affluent society and the prevalence of the automobile, has created tremendous demand on community land and has brought new dimensions of environmental strain to cities and their regions. This course will look at ongoing environmental impacts related to urban growth, and methods to mitigate these environmental concerns in an effort to create vibrant and sustainable communities.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

1. Present an understanding of the sustainability issues facing cities
Potential Elements of the Performance:
2. Understand the measures to address the sustainability issues facing cities
Potential Elements of the Performance:
3. Present conceptual plans illustrating the sustainable best practices
Potential Elements of the Performance:
4. Comprehend and assess the environmental impacts associated urban and regional growth
Potential Elements of the Performance:
5. List and describe key planning theories relating to improving how communities can be planned to improve quality of life, energy consumption and other environmental concerns
Potential Elements of the Performance:
6. Assess current local (i.e. Sault Ste. Marie) development patterns and communicate solutions to foster future sustainable development measures, based on global best practices.
Potential Elements of the Performance:

III. TOPICS:

1. Past and present issues facing cities
2. Sustainable planning best practices
3. Concepts of Urban Sprawl, Peak Oil, Mixed Use Development, Fused Grid, New Urbanism, Transit Oriented Design, Age-Friendly Communities

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

1. **Seven Rules for Sustainable Communities: Design Strategies for the Post Carbon World. Patrick M. Condon**
2. **Other online resources will be suggested throughout the course**

V. EVALUATION PROCESS/GRADING SYSTEM:

- Attendance = 15%**
Test = 20%
Assignment 1 = 25%
Assignment 2 = 40%

The following semester grades will be assigned to students:

Grade	Definition	<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.

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.

<Include any other special notes appropriate to your course>

Cell Phone use (i.e. calls, texts, apps, etc.) during class time will not be tolerated. Students will be asked to leave and attendance marks will be adjusted accordingly.

VII. COURSE OUTLINE ADDENDUM:

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