

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



**SAULT
COLLEGE**

COURSE OUTLINE

COURSE TITLE: Business and the Environment

CODE NO. : BUS236 **SEMESTER:** 3

PROGRAM: Business

AUTHOR: **Shawna DePlonty**, B.A. Econ., M. Ed.
Shawna.DePlonty@saultcollege.ca
705-759-2554 ext. 2592

DATE: 01/06/10 **PREVIOUS OUTLINE DATED:** 01/01/10

APPROVED: "Penny Perrier" June/10

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	CHAIR	DATE
TOTAL CREDITS:	3	
PREREQUISITE(S):	None	
HOURS/WEEK:	16 weeks	

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For additional information, please contact Penny Perrier, Chair
School of Continuing Education, Business and Hospitality
(705) 759-2554, Ext. 2754

I. COURSE DESCRIPTION: This course aims to give students information in leading practices in environmental stewardship. Through examining driving forces and challenges students will study corporate green strategies, develop green strategies, implement plans and identify audits and utilize measurement tools for industry and government requirements for environmental standards. Also, addressed are transformational methodologies that managers and project leaders can use to improve their organizational competencies, processes, technologies, and operations as a sustainable, green corporation.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

1. Establish a strategy and transformation plan.

Potential Elements of the Performance:

- Outline driving forces and challenges that organizations face.
- Formulate green strategies to complement traditional strategies.
- Identify how green strategies support operational improvements.
- Develop plans for a common culture and an environmental awareness in a corporation.
- Ensure green strategies are actionable with a proven approach.
- Make operational decisions and initiatives that improve the environment.
- Develop cost-effective transformation initiatives that meet or exceed regulatory requirements.
- Use leading practices for making a strategic vision actionable.
- Establish transformation roadmap and future-state blueprints.
- Manage transformation, measure performance, and sustain improvements.

2. Apply proven transformational methods.

Potential Elements of the Performance:

- Develop methods to facilitate implementing developed initiatives.
- Create a value-stream map.

- Apply the Green Sigma methodology to optimize carbon emissions goals.
 - Develop statistical process control and design-of-the - experiments tools to measure successes in green objectives.
 - Benchmark environmental control best practices.
3. Study technology, innovations and solutions to environmental concerns.

Potential Elements of the Performance:

- Describe instrumentation technology such as sensors, imaging technology, video cameras, and integrated systems to monitor sustainability.
 - Identify growth in real-world sensing.
 - Define challenges in measuring environmental standards.
 - Analyze business considerations for technology solutions.
 - Examine solutions for efficiency and maximizing resource management.
4. Examine critical trends shaping future business trends.

Potential Elements of the Performance:

- Identify trends that will continue to strengthen the green movement.
- Examine the role of government in growth and global alignment.
- Discuss environmental intelligence that will integrate into traditional operations.
- Identify business opportunities in the green marketplace.

III. TOPICS:

1. Establish a Strategy and Transformation Plan
2. Apply Proven Transformation Methods
3. Technology Innovations and Solutions
4. Critical Trends Shaping the Future

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

Better Green Business, Handbook for Environmentally Responsible and Profitable Business Practices, Eric G. Olson, PhD., 0-13-701017-6

V. EVALUATION PROCESS/GRADING SYSTEM:

<i>Article Review</i>	10%
<i>Event and Tour Report</i>	10%
<i>Corporate Study/ Self-determined project</i>	20%
<i>Chapter Presentation</i>	10%
<i>Mid-Term</i>	25%
<i>Final Exam</i>	25%

Missed Tests

Students are expected to be present to write all tests with the class. If a student is unable to write a test because of illness or a legitimate emergency, that student must contact the professor prior to the class and provide an explanation, which is acceptable to the professor. Should the student fail to contact the professor, the student shall receive a **grade of zero** on the test.

Once the test has commenced, the student is considered absent and will not be given the privilege of writing the test until the end of the semester. The late student must see the professor at the end of the class time and provide a suitable explanation to the professor in order to qualify to write at the end of the semester.

Any student who has missed a test and meets the following criteria may write the missed test at the end of the semester.

In order to qualify to write the missed test, the student shall have:

- a) attended at least 80% of the classes.
- b) provided the professor an acceptable explanation for his/her absence.
- c) been granted permission by the professor.

NOTE: The missed test will be a comprehensive test.

Late assignments, project, reports, will be accepted at the discretion of the professor provided the student has attended 80% of the classes.

The following semester grades will be assigned to students:

Grade	<u>Definition</u>	<i>Grade Point Equivalent</i>
A+	90 – 100%	
A	80 – 89%	4.00
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.*

VII. COURSE OUTLINE ADDENDUM:

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