

CLASS NUMBER AND NAME:	CSN183—Green Information Technology Strategies
TOTAL HOURS/ UNITS:	24 HOURS/1.0 UNIT
PREREQUISITES:	NONE
TEXTS AND MATERIALS:	<i>Green IT-Reduce Your Information System’s Environmental Impact While Adding to the Bottom Line</i> - Textbook (Toby J. Velte, Anthony T. Velte, Robert Elsenpeter, McGraw Hill 2008) (ISBN 9780071599238)
CLASS DESCRIPTION:	A lecture-based class introducing the student to key concepts of reducing an IT department’s environmental impact by implementing new technologies and reducing waste.
CLASS OBJECTIVES:	A lecture-based class introducing the student to consumption issues, the reasons to “Go Green”, and ways organizations can Reduce, Reuse, and Recycle. Students will examine case studies on how organizations implemented change and saved money.
CLASS FORMAT OVERVIEW:	<p>This class is a lecture-based class.</p> <p>Time spent in preparation for or reflection on course lecture will approximate two hours outside of class for each lecture credit hour utilized by the instructor in delivery of the material and ¼ hour outside of class for each hour of structured lab time.</p>
METHODS OF INSTRUCTION:	As lecture are the principal means of instruction, it will be expected that all students will be present every day to take part in class.
ATTENDANCE:	<p>It is expected that each student will be in class <u>when class begins</u>. Should the student arrive more than <u>ten minutes late</u> they should notify the instructor of their presence, it will be up to the instructor to decide if the student has arrived in time to be counted as present- the instructor’s decision is final.</p> <p><u>80% attendance is mandatory</u></p> <p>It will be the student’s responsibility to learn of any assignments given in class when absent.</p>
TESTING:	Quizzes will be given throughout the mod as well as a cumulative final exam. All quizzes, examinations, exercises and homework must be satisfactorily completed with a passing grade of 60% or better in order to pass the course.
LATE TESTING:	<u>Late testing is only allowed at the instructor’s discretion.</u>

GRADING POLICIES:

The grading system is comprised of attendance, assignments, weekly tests and an end-of-module final and will be graded on the following scale:

Attendance Homework, Tests and Final

	Possible
Attendance	15%
Homework	25%
Weekly Exams	40%
Comprehensive final	<u>20%</u>
Module total	100%

Combined grades from attendance, assignments, weekly tests and end-of-module final will be graded on the following scale:

- 90 – 100% = A
- 80 – 89% = B
- 70 – 79% = C
- 60 – 69% = D
- Less than 60% = F

ANTICIPATED LEARNING OUTCOMES:

- With diligence, hard work, and successful completion of this course, the student will be to have knowledge in the following areas:
1. Have a general understanding of the current initiatives and standards regarding E-waste.
 2. Minimizing power usage and cooling for networks.
 3. Changing business practices to minimize the impact on the environment.
 4. Planning and maintaining a paperless business environment
 5. Disposal and recycling of computer equipment.
 6. Responsible hardware considerations and purchasing.
 7. Know how other companies have become environmentally friendly and saved money.
 8. Green Datacenter redesign with virtualization.
 9. Long term planning to stay on top of trends and changes.

Thursday: Homework Due, Test

6 Week Tentative Schedule

Green Information Technology Strategies
CS183

Week 6

Chapter 14 (Staying Green)

Thursday: Homework Due, Final

Week 1

Chapter 1 (Overview and Issues)

Chapter 2 (Current Initiative and Standards)

Thursday: Homework Due, Test

Week 2

Chapter 3 (Minimizing Power Issues)

Chapter 4 (Cooling)

Chapter 5 (Changing the Way We Work)

Thursday: Homework Due, Test

Week 3

Chapter 6 (Going Paperless)

Chapter 7 (Recycling)

Chapter 8 (Hardware Considerations)

Thursday: Homework Due, Test

Week 4

Chapter 9 (Case Study- Dell and HP)

Chapter 10 (Case study- University of Wisconsin-River Falls and Walmart)

Chapter 11 (Datacenter Design and Redesign)

Thursday: Homework Due, Test

Week 5

Chapter 12 (Virtualization)

Chapter 13 (Greening Your Information Systems)

