MARTIN COMMUNITY COLLEGE
BCI COURSE SYLLABUS
Semester/Year: Spring 2011

COURSE NUMBER: CTS 287

COURSE TITLE: Emerging Technologies

CREDIT HOURS: 3

CONTACT HRS/WK: 3 (3 class, 0 lab)

PREREQUISITES: None

COREQUISITES: None

INSTRUCTOR: L. Leary

CLASSROOM: P3

CLASS HOURS: 8:00 am – 11:00 am
12:30 pm - 3:30 pm

CLASS DATES: 2/8/11 to 2/18/11

COURSE DESCRIPTION: This course introduces emerging information systems technologies. Emphasis is placed on evolving technologies and trends in business and industry. Upon completion, students should be able to articulate an understanding of the current trends and issues in emerging technologies for information systems.

PROGRAM LEARNING OUTCOMES:

1. Use application software to produce and edit word processing, spreadsheet, and database files.
2. Install and configure switches and routers in multiprotocol networks that use LAN and WAN interfaces.
3. Explain the fundamentals of basic PC security.

COURSE LEARNING OUTCOMES:

1. Use and evaluate on-line resources in a business environment.
2. Diagnose hardware and software problems.
3. Install and configure new hardware and software.
4. Integrate new technology into existing business protocol.

REQUIRED TEXTBOOK: Evans, Alan, Martin, Kendall, & Poatsy, Mary Anne (2009), Technology in action, Complete, 5/E. Upper Saddle River, NJ: Pearson Education, Inc. ISBN# 0135137209

SUPPLEMENTAL RESOURCES: Will be provided

LEARNING/TEACHING METHODS: Lecture, individual/group discussion, written tests and hands on projects, and Outside Reading Assignments.

ASSESMENTS/METHODS OF EVALUATION:

- Graded Assignments = 25%

- Outside Reading Assignments = 25%

- Tests = 25%

- Final Exam = 25%

GRADING POLICY:

Your grade is computed as a percentage of possible points. Your actual points earned are divided by the possible points earned.

> 90 to 100 = A
> 80 to 89 = B
> 70 to 79 = C
> 60 to 69 = D
> Below 60 = F

COURSE OUTLINE:

Week 1	Chapter 1 – Why Computers Matter to You?
	Chapter 2 – Looking at Computers
	Chapter 3 – Using the Internet
	Chapter 4 – Application Software
Week 2	Chapter 5 – Using System Software
	Chapter 6 – Understanding and Assessing Hardware
	Chapter 7 – Networking and Security
	Chapter 8 – Mobile Computing
	Chapter 9 – Behind the Scenes

STUDENT ATTENDANCE POLICY:

The census date is the date on which 10 percent of the total course hours have met. Students must be present in at least one class during the first 10 percent of the course in order to be considered enrolled in the course. Students who do not attend the course by the census date will be administratively withdrawn from the course by the instructor and will not be allowed to attend class. Martin Community College recognizes that academic success is tied to regular attendance and completion of assigned work and tasks in a timely manner. Students are expected to attend a minimum of 80 percent of the total hours for this course.

*In compliance with G.S. 115D-5, MCC policy permits a student to be excused, with the opportunity to make-up any test or other missed work, a minimum of two excused absences per academic year for religious observances required by the student's faith. The policy limits the excused absences to a maximum of two days per academic year.

Students who wish to be excused for a Religious Observance required by their faith must complete and submit a request form to the instructor(s) prior to the census date of each class. The *Request for Excused Absences for Religious Observances* form can be picked up from Student Services. This does not supersede the college-wide attendance policy as outlined in the college catalog or syllabus, with the exception of a reasonable accommodation for the make-up of missed course work.

COURSE POLICIES:

The student is responsible for obtaining material when he/she is absent. The student can contact a classmate who was present. Missed quizzes or exams cannot be made up without good cause and adequate notice. Any uncoordinated, unexcused, or missed quiz or exam will result in a score of 0 for that exam. All class work will be assigned with a generous time deadline. No late work will be accepted for credit toward the course grade. Assignments that are turned in late will receive a score of 0 unless previous arrangements have been made with the instructor. Students who are disruptive may be asked to leave class. This will result in your being marked absent for the class.

If you cannot reach your instructor, please contact your case manager.

If you have a need for a disability-related accommodation, please notify your case manager.