

Course Syllabus

Course Name: Systems Analysis & Design

Course Number/Section: CTS 285 / I 1

Fall Semester 2010 Class Hours: M 8:00-9:00

Instructor:	Lee Anne H. Bryan, M.EGR.	Office Location:	Building 17 – Office 103 Parker High Technology Building
Office Phone:	(910) 879-5653	Office Hours:	Monday: 9:00–11:00 am Tuesday: 9:50-10:50 am Wednesday: 9:00–10:00 am Thursday: 9:50-10:50 am
E-mail:	lbryan@bladencc.edu		
Instructor Webpage:	http://www.n4rsa.com		

TEXT, REQUIRED SOFTWARE and MATERIALS:

Systems Analysis and Design, Video enhanced, eighth edition, Authors: Gary Shelley and Harry Rosenblatt, Course Technology, 2011, ISBN: 9780538474436.

(1) USB 2.0 Portable Flash Drive (at least 512 MB)

DESCRIPTION:

This course introduces established and evolving methodologies for the analysis, design, and development of an information system. Emphasis is placed on system characteristics, managing projects, prototyping, CASE/OOM tools, and systems development life cycle phases. Upon completion, students should be able to analyze a problem and design an appropriate solution using a combination of tools and techniques.

Special Needs Information: Students with special needs related to a diagnosed disability should contact Tommy Rains (910.879.5570; trains@bladencc.edu) in student services for assistance.

GOALS/STUDENT LEARNING OUTCOMES (Students will be able to demonstrate competency in the following areas):

1. Understand the requirements for project management
2. Learn and understand the phases of the Systems Development Life Cycle (SDLC)
3. Analyze problems related to information systems
4. Design solutions to information system problems

REQUIREMENTS:

Case Studies / Case Simulations / Exercises

Tests

Final Exam

EVALUATION:

Regular attendance is required to pass this course. After 3 hours of absence, the student is dropped. This roughly equals 3 meetings.

All assignments will be given a point value; grades will be recorded as having achieved an amount of the total points possible.

Attendance & Participation	10%
Tests	30%
Case Studies / Case Simulations / Exercises	50%
Final Exam	10%*

*Exempt from Final Exam if student has an A average with 2 or less absences.

Course Syllabus (cont.)

100 – 90 = A	89 – 80 = B	79 – 70 = C	69 – 60 = D	59 and below = F
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Academic Integrity: In addition to good academic performance, students should exhibit honesty and integrity. If there is any question that academic honesty and integrity are not honored, students may be required to redo assignments in the presence of an instructor-selected monitor. Proof of dishonesty, including plagiarism, will make students subject to disciplinary action. Please consult your college catalog for more information.

Ground Rules:

1. Course Management:

- Prerequisite: CIS 115

2. Course Attendance:

- Course attendance of 100% is expected.
 - If contact is not made prior to the 10 percent point of the course, then the student will be dropped from the course with a grade of "W".
 - If absences exceed 20% of all scheduled contact hours, the student will be dropped from the course with a grade of "W" or "WF" depending on the official withdrawal date.
 - If absent from class for two consecutive weeks, the student will be dropped from the course with a grade of "W" or "WF" depending on the official withdrawal date.
- See the college catalog for current policy concerning class attendance, tardiness, drop / add periods, etc.

3. Course Assignments:

- Assignments are due at the beginning of the class period on the due date. Late assignments will be assessed a penalty of 10% per day. No exceptions are made. Assignments more than one week late will not be accepted and will receive a grade of 0. If you must miss class on the day an assignment is due, be sure to turn it in before class or it will be considered late. However, no late assignments will be accepted during final exam week. Always back up your work.
- The student will be responsible for completing and saving assignments in the specified file types. Any other format will not be accepted.
- The student will be responsible for completing the lab assignments and will be expected to fully understand the material. Completion of all assigned labs is a requirement for successful course completion.
- All coursework must be completed. It is not the responsibility of the instructor to advise the student of missed work during the semester or the last week of the semester.

4. Course Quizzes and Exams:

- Quizzes, tests, and exams must be taken on the scheduled date; otherwise a grade of zero will be assigned. Any exceptions to this policy must be the result of a documented emergency or prior arrangement with the instructor. Make-ups must be taken within one week of the originally scheduled test date and will be assessed a three (3) point deduction from the exam grade for each day that the exam is late. It is the responsibility of the student to make necessary arrangements with the instructor to take the make-up test or exam in the appropriate time frame.
- Final exams should be taken on the date specified in the exam schedule, unless a conflict occurs. Please notify the instructor of any problems with the scheduled final exam date.

Course Syllabus (cont.)

CTS 285: Systems Analysis & Design

Course Schedule (*Highly Volatile and Subject to Change!*)

Week 1 Aug. 16-22	Syllabus; Introduction to Systems Analysis and Design – Chapter 1
Week 2 Aug. 23-29	Communications Tools – Toolkit 1
Week 3 Aug. 30-Sept. 6	Analyzing the Business Case – Chapter 2
Week 4 Sept. 7-13	Managing Systems Projects – Chapter 3
Week 5 Sept. 14-20	Requirements Modeling – Chapter 4
Week 6 Sept. 21-27	Test #1; Data and Process Modeling – Chapter 5
Week 7 Sept. 28-Oct. 4	Object Modeling – Chapter 6
Week 8 Oct. 5-14	Financial Analysis Tools – Toolkit 3
Week 9 Oct. 15-21	Test #2; Development Strategies – Chapter 7
Week 10 Oct. 22-28	Output and User Interface Design – Chapter 8
Week 11 Oct. 29-Nov. 4	Data Design – Chapter 9
Week 12 Nov. 5-11	Test #3; Systems Architecture – Chapter 10
Week 13 Nov. 12-18	Managing Systems Implementation – Chapter 11; CASE Tools – Toolkit 2
Week 14 Nov. 19-29	Managing Systems Support and Security – Chapter 12
Week 15 Nov. 30-Dec. 6	Internet Resource Tools – Toolkit 4
Week 16 Dec. 7-13	Final Exam (Since class is an independent study, final exam time will be coordinated with student's final exam schedule.)