



## Arthur J. Bauernfeind College of Business

### MURRAY STATE UNIVERSITY

Instructor: William F. Lyle

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Office Hours: 8:30 – 11:00 M W F,

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**DEPARTMENT: Computer Science and Information Systems**

**COURSE PREFIX: CSC    COURSE NUMBER: 530**

**CREDIT HOURS: 3**

**I.     **Title:**** Senior Software Project

**II.    **Course Description and Prerequisites:**** Course requires the development, documentation, and presentation of a significant software project. Must be taken with one of CSC 531, 532, 533, or 534. Prerequisites: CIS 407, CSC 425 and 430.

**III.   **Course Objectives:**** Upon successful completion of the course, the student should have familiarity with and competence in the use of one or more of the following development tools:

- Visual C# .NET
- Visual Basic .NET
- ASP.NET
- PHP
- Ruby
- Java
- Objective C

**IV.    **Content Outline:**** The primary purpose of this course is to propose, design, implement, document, and present a significant software project. As such, most of the course content will be individually driven, based upon the project undertaken by each student.

**V.     **Instructional Activities:**** This course is an upper-division course and, as such, will be conducted primarily as a seminar. That is, all course participants will share the responsibility for presenting material and directing learning.

**VI.    **Field, Clinical, Laboratory Experiences:**** We may meet occasionally in the Computer Science Laboratory in order to investigate various software development tools and environments.

**VII. Texts and Resources:** There are no additional texts required for this course. However, you will want to refer to the texts used in CSC 430. In addition, you may need to purchase reference materials that are specific to your chosen development language and environment. The departmental Linux server may be used for hosting your project.

**VIII. Evaluation and Grading Procedures:**

Class Participation	10%
Project Proposal	5%
Project Documentation	10%
Poster Presentation (April 11)	10%
Class Presentation	15%
Software Project	50%

This is tentative and is subject to changes announced in class.

A numerical score will be computed based upon the above weights and a letter grade assigned according to a 10-point grading scale. I reserve the right to adjust this scale if the class average is either very high or very low.

**IX. Attendance Policy:** You are expected and strongly encouraged to attend all class meetings on time in order to gain maximum benefit from the course. Class attendance will be checked, and is a factor in the course grade as part of the class participation component. You are responsible for all material missed due to class absences. You are expected to adhere to the MSU Attendance Policy outlined in the current *MSU Bulletin*.

**X. Academic Honesty Policy:** Murray State University takes seriously its moral and educational obligation to maintain high standards of academic honesty and ethical behavior. Instructors are expected to evaluate students' academic achievements accurately, as well as ascertain that work submitted by students is authentic and the result of their own efforts, and consistent with established academic standards. Students are obligated to respect and abide by the basic standards of personal and professional integrity.

**Violations of Academic Honesty include:**

**Cheating** - Intentionally using or attempting to use unauthorized information such as books, notes, study aids, or other electronic, online, or digital devices in any academic exercise; as well as unauthorized communication of information by any means to or from others during any academic exercise.

**Fabrication and Falsification** - Intentional alteration or invention of any information or citation in an academic exercise. Falsification involves changing information whereas fabrication involves inventing or counterfeiting information.

**Multiple Submission** - The submission of substantial portions of the same academic work, including oral reports, for credit more than once without authorization from the instructor.

**Plagiarism** - Intentionally or knowingly representing the words, ideas, creative work, or data of someone else as one's own in any academic exercise, without due and proper acknowledgement.

Instructors should outline their expectations that may go beyond the scope of this policy at the beginning of each course and identify such expectations and restrictions in the course syllabus. When

an instructor receives evidence, either directly or indirectly, of academic dishonesty, he or she should investigate the instance. The faculty member should then take appropriate disciplinary action.

Disciplinary action may include, but is not limited to the following:

- 1) Requiring the student(s) to repeat the exercise or do additional related exercise(s).
- 2) Lowering the grade or failing the student(s) on the particular exercise(s) involved.
- 3) Lowering the grade or failing the student(s) in the course.

**If the disciplinary action results in the awarding of a grade of E in the course, the student(s) may not drop the course.**

Faculty reserve the right to invalidate any exercise or other evaluative measures if substantial evidence exists that the integrity of the exercise has been compromised. Faculty also reserve the right to document in the course syllabi further academic honesty policy elements related to the individual disciplines.

A student may appeal the decision of the faculty member with the department chair in writing within five working days. Note: If, at any point in this process, the student alleges that actions have taken place that may be in violation of the Murray State University Non-Discrimination Statement, this process must be suspended and the matter be directed to the Office of Equal Opportunity. Any appeal will be forwarded to the appropriate university committee as determined by the Provost.

## **XI. Non-Discrimination Policy Statement and Students with Disabilities:**

### Policy Statement:

Murray State University endorses the intent of all federal and state laws created to prohibit discrimination. Murray State University does not discriminate on the basis of race, color, national origin, gender, sexual orientation, religion, age, veteran status, or disability in employment, admissions, or the provision of services and provides, upon request, reasonable accommodation including auxiliary aids and services necessary to afford individuals with disabilities equal access to participate in all programs and activities. For more information, contact the Executive Director of Institutional Diversity, Equity and Access, 103 Wells Hall, (270) 809-3155 (voice), (270) 809-3361 (TDD).

### Students with Disabilities

Students requiring special assistance due to a disability should visit the Office of Student Disability Services immediately for assistance with accommodations. For more information, students should contact the Office of Student Disability Services, 423 Wells Hall, Murray, KY 42071. 270-809-2018 (voice) 270-809-5889(TDD).

- XII. Other:** The College of Business and Public Affairs Code of Ethics is available at [http://www.murraystate.edu/Libraries/COB\\_Documents/Code\\_of\\_Ethics.sflb.ashx](http://www.murraystate.edu/Libraries/COB_Documents/Code_of_Ethics.sflb.ashx). The collegiate Appeals and Grievance Procedure is available at [http://www.murraystate.edu/Libraries/COB\\_Documents/Appeals\\_and\\_Grivance\\_Procedure.sflb.ashx](http://www.murraystate.edu/Libraries/COB_Documents/Appeals_and_Grivance_Procedure.sflb.ashx)

**Important University Dates:**

January 12	Classes begin
January 16	Last day to enroll in full semester classes Last day to drop with no grade
January 19	University closed for Martin Luther King Day
March 4	Mid-semester grades due
March 14-22	Spring Break
April 14	Last day to drop with a "W" Last day to change from CREDIT to AUDIT
May 1	Last day of classes
May 7	8:000 a.m., Final Exam period for CSC 530
May 9	10:00 a.m., Commencement

**Please fill out this page, detach it, and return it to the instructor.**

By my signature below, I certify that I have received a copy of the course syllabus for CSC 530 taught by Dr. William F. Lyle in the Spring Semester of 2015. Furthermore, I certify that I have read and understand the contents of the course syllabus.

Printed Name \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

If you want your grades to be posted, please enter a 4-digit number to identify yourself. If you would prefer that your grades not be posted, then enter **None**.

My 4-digit code: \_\_\_\_\_