



After the initial design phase, approximately every two or three weeks each team will present a progress report (i.e, additional deliverables) to the class discussing what they have accomplished and discussing any revisions in project timelines and goals.

The class time and lab time are for planning, trouble shooting, and problem solving, not for project coding. Students are expected to do most of their development work outside of classes and lab. When project development has started evidence of weekly code development is required.

### Course Learning Objectives

Demonstrate the ability to work in teams to analyze a problem, produce a development plan, and implement a computer solution for the problem. Communicate effectively about the progress and difficulties of the project.

### Grading:

#### Group Project

Each student is required to participate in a Group Project with other classmates. Each group will comprise of 5 students. One group will likely have 6 students. Each group will develop functional requirements, document, design, implement and demonstrate the project software.

There will be a Group basic grade that will form the basis from which individual grades for the project will be determined. Individual grades within a project may vary if a person's contributions to the project are deemed to have been significantly more or less than the group's grade. **The group project deliverables will account for 60% of the overall grade**

#### Final Project Presentation

Students will be required to make presentations of their software project to the class. The Final Project presentation will consist of PowerPoint slides to illustrate the goals and use cases of the software project; users' guide and a demonstration of the software project. The Final Project **Presentation will account for 30% of the overall grade. The individual grades will be determined based on each student's participation and performance in the presentation**

#### Peer Evaluations

Each student is required to complete and submit the Peer Evaluation template via assignment folder in Blackboard Learn. **The peer evaluation assignment will account for 10% of the overall grade**

Please use the following criteria to rate yourself and each member in your Team:

1. **Effort / Active Participation:** Following through on the project and being accountable to group members.
2. **Contribution:** Improving quality of work, being creative, bringing unique skills and abilities that aid in the quality of the final product, and providing leadership.
3. **Attendance:** Attending team meetings and or group activities.
4. **Supported Group Process:** Eliciting and valuing input of others, mediating arguments and relieving tension, lending a positive attitude, and other maintenance roles that enhance group social climate.
5. **Communication:** Checking in with the Group before missing a meeting, clarifying expectations, keeping communication channels open, facilitating others' participation, and "speaking" and "listening" effectively.

**The Peer Evaluation will account for 10% of the overall grade**

## Grading Scale

Grades will be assigned based on the range of percentages indicated below:

Grade Level	Percentage
A	93% < score <= 100%
A-	90% <= score <= 93
B+	86% <= score < 90%
B	83% <= score < 86%
B-	80% <= score < 83%
C+	76% <= score < 80%
C	73% <= score < 76%
C-	70% <= score < 73%
D+	66% <= score < 70%
D	63% <= score < 66%
F	score < 63%

## Attendance:

Students are expected to attend every session. In the event that a student misses a class it is the responsibility of the student to get any notes/assignments or other information. For students who misses an exam because of an excused absence (in accordance with KSU policy), and who provide a written excuse to the instructor, a make-up time will be arranged. For unexcused absences, no make-up exam will be given.

## Other Policies:

No food or beverages (except bottled water) are allowed in the computer labs. Tobacco, etc. is not allowed in class at any time. Please do not modify computer settings (desktop, screen saver, etc.) unless instructed to do so. Please turn off cell phones prior to the beginning of class. The use of cell phones, iPods, MP3 players, etc. is prohibited during lecture.

### **Academic Honesty:**

Cheating means to misrepresent the source, nature, or other conditions of your academic work (e.g., tests, papers, projects, assignments) so as to get underserved credit. The use of the intellectual property of others without giving them appropriate credit is a serious academic offense. The University considers cheating and plagiarism very serious offenses and provides for sanctions up to and including dismissal from the University or revocation of a degree. The University's administrative policy and procedures regarding student cheating and plagiarism can be found in the [Administrative Policy, 3-01.8](#). By submitting any material in this (or any other class) you are certifying that it is free of plagiarism.

### **Withdrawal Deadline:**

Withdrawal from any or all courses is permitted through the [10th week of the semester](#)

### **Students with Disabilities:**

University policy 3342-3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through the Student Accessibility Services (contact 330-672-3391 or visit [www.kent.edu/sas](http://www.kent.edu/sas) for more information on registration procedures).

### **Proper Enrollment:**

Students have responsibility to ensure they are properly enrolled in classes. You are advised to review your official class schedule (using Student Tools in FlashLine) during the first two weeks of the semester to ensure you are properly enrolled in this class and section. Should you find an error in your class schedule, you have until cut-off date provided by the Undergraduate Office to correct the error with your advising office. If registration errors are not corrected by the cut-off date and you continue to attend and participate in classes for which you are not officially enrolled, you are advised now that you will not receive a grade at the conclusion of the semester for any class in which you are not properly registered.

## **Tentative Course Schedule**

All items in this syllabus are subject to change at the discretion of the Instructor and the Office of Academic Affairs.

<b>Week</b>	<b>Topic</b>
#1 & #2	<b>Introduction to Capstone Project</b>
	Getting Started: <ul style="list-style-type: none"><li>a. Problem Definition: Importance of Requirements</li><li>b. Definition of Functional/Non-functional Requirements</li><li>c. Software Development Life Cycle Overview</li><li>d. Use Cases</li></ul>
#2	<b>Submit the Group's Project Description</b>
#3	<b>Submit Functional Requirements project timeline via Black Board Learn</b>
#4	<b>Start Systems Architecture and Software Design</b>
#6	<b>Submit Systems Architecture &amp; Software Design via Black Board Learn</b>
#5-to- #10	<b>Continue working on implementing your software project Present progress reports in class</b>
#11	<b>Spring Break</b>
#12	<b>Continue working on implementing your software project</b>
4/6/17	<b>1. Submit final project description – user guide via Black Board Learn 2. Submit final software project via Black Board Learn 3. Submit Peer Evaluations via Black Board Learn</b>
4/10/17 to 5/5/17	<b>Group Presentations</b> <ul style="list-style-type: none"><li>▪ PPT slides (between 15 and 20 slides) of the project</li><li>▪ Demo software project</li></ul>