

**CIS 396-01** **INTERNSHIP IN CIS** **Summer 2020**

1. Understand the fundamental of computer and information sciences (Criteria 3(i), (j)).

2. Evaluate the fusibilities of computer science (Criteria 3(e), (k)).
3. Gain knowledge of related technologies in build advanced computing systems (Criteria 3(h), (j)).
4. Design and implement a novel computing system. (Criteria 3(a), (e), (g), (h), (j), (k)).

ABET Criterion 3 Student Outcomes: a. An ability to apply knowledge of mathematics, science, and engineering b. An ability to design and conduct experiments, and to critically analyze and interpret data c. An ability to design a system, component or process to meet desired needs d. An ability to function in multi-disciplinary teams e. An ability to identify, formulate and solve engineering problems f. An understanding of professional and ethical responsibility g. An ability for effective oral and written communication h. The broad education necessary to understand the impact of engineering solutions in a global and societal context i. A recognition of the need for, and an ability to engage in life-long learning j. A knowledge of contemporary issues k. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice

**Required Textbook:** None.

**Evaluation/Grading:**

Students registered in CIS 396 are required to acquire a binder titled **CIS 396 Internship**.

The binder will be used to hold all materials as described below, including this Syllabus. All students are required to hand in the completed binder to the instructor during the final week to get a grade for the class.

**Final Essay**

Students will be expected to write a final, experience-based essay. This will be a reflection on the experiences you had in your individual internship.

We will discuss China's Mega engineering Projects and ongoing challenges in those and future projects.

China is pursuing the area aggressively and the government has announced that it will invest [US\\$30 billion VC in startups](#) by the year 2020. This can also mean that the Chinese government is planning to make educational technology a mandatory requirement for employment.



**Attendance/Class Participation:**

Shepherd University Student Handbook lists the legitimate reasons for class absences include death in the immediate family or illness verified by a doctor (not including any nonemergency doctors' appointments that could be scheduled at other times), field trips required for other classes (required an email notification from the instructors prior to the trips), intercollegiate competitions, or activities initialing official representation of Shepherd University (see the Students in Athletics Section), and hazardous, weather-induced driving conditions (for commuter students only).

You are expected to attend all required class meetings and presentations. If you do miss class you are responsible for contacting other classmates to obtain any missed information. You **MUST** attend your classes regularly and engage in the requirements for each class; otherwise, your financial aid may be revoked either partially or in full. This would result in an amount due by you to the University immediately. Please refer to [shepherd.edu/faoweb](http://shepherd.edu/faoweb) for more details.

**Academic Integrity (Plagiarism and Cheating):**

Plagiarism and cheating in any form will not be tolerated. I consider academic honesty to be at the core of the University's activities in education and research. All work (i.e., assignments, quizzes, and exams) submitted for a grade must be the sole work of the individual student turning it in. Instances of plagiarism, cheating, or other misconduct will be dealt with strictly and according to the University's Policy and Procedure.

Each student in this course is expected to abide by the Shepherd University Academic Integrity Procedures found in the Shepherd University Student Handbook at (<http://www.shepherd.edu/students/studenthandbook.pdf>).

You are required to read and send me an acknowledgment of understanding the policies concerning Plagiarism (can be found in the class website) within the second week of class

**Cell Phone and Text Messaging Policy**

Cell phones are not permitted during class. Please turn your cell phone off or put it onto silent (in case of an emergency situation) before class starts. Do not place your cell phone on the desk. Any student leaving during class to answer a vibrating phone will not be permitted to return to class. Text messages will not be permitted during class. Any student whose cell phone rings (or text messaging) during class will be asked to leave and marked as an absence.

**Students with Disabilities**

Disability Support Services at Shepherd University believes that every student should succeed, and works closely with students to meet their needs. Students requesting any disability-related accommodation should contact the Disability Coordinator at 304-876-5453. This includes students with learning disabilities needing classroom accommodations, students requesting specific housing accommodations for health-related reasons, and all other disability

accommodations. Accommodations need to be documented and provided to instructors. Please see <http://www.shepherd.edu/mcssweb/dss/default.html> for more information.

If you have a documented disability and require accommodations to obtain equal access in this course, please contact the instructor during the first week of class.

### **Students in Athletics**

If you are on an athletic team and will be missing classes, it is your responsibility to provide me with a letter signed by your coach listing all of the days in which you will be absent. Accommodations will be made only if I receive the letter from your coach no later than the end of the first week of class.

**The instructor reserves the right to change any portion of this syllabus whenever necessary. In the event that this action becomes necessary, students will be notified in a reasonable and timely fashion.**