



# IT/COMP 491: Capstone Prep

Spring 2018

Location: Sierra Hall 1432 / BTW 2285

Instructor: Jason Isaacs

Office: BTW 2285

Email: [jason.isaacs@csuci.edu](mailto:jason.isaacs@csuci.edu)

Phone: (805) 437-8991

Office Hours (held in SIE 1432):

Tuesday 1:00 PM to 2:00 PM

Wednesday 4:00 PM to 5:00 PM

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## Course Description:

This course involves the research and development of a proposal for a significant software project under faculty supervision.

## Student Learning Outcomes

By the successful completion of this course, you will be able to:

- Determine capstone goals and objectives
- Identify fields of study that are relevant to the problem at hand
- Conduct a literature search to build a reading list necessary to approach a problem
- Assess approaches for problem resolution
- Construct plans for resolving problems
- Identify collaborators for resolving problems
- Synthesize and articulate clearly and convincingly in written and oral forms

## Learning Environment:

This course will largely be conducted remotely, so regular attendance is not required. It is expected however that you check in with the instructor every two weeks to ensure that proper progress is being made and that you are proceeding in an appropriate direction. I encourage you to attend my offices hours, but if this is not possible due to your schedule please arrange an alternative meeting time via email.

## Grading:

The course grade will be determined by the successful completion of **four** software requirements documents. Template for these documents will be provided. The purpose of these documents is to help guide you through the process of planning your Capstone Project. It is imperative that you do not wait until the last week of the semester to complete and submit the requirements documents. For each day that an assignment is late there will be a 1% penalty applied to the final grade up to the value of the document (25). Failure to submit the Final Software Requirements Specification Document could result in the assignment of a failing grade or incomplete.

### Capstone Project Preparation

- 25% - Prepare a short project proposal (1 page) by September 30, 2017. *The project idea must be approved by instructor before moving on to other documents.*
- 25% - Complete a Use Cases Document by October 31, 2017.
- 25% - Complete a Vision and Scope Document by November 30, 2017.
- 25% - Final Software Requirements Specification Document. Due date for final document is December 15, 2017.

## Instructor Communication Policy:

I will make every effort to respond to your email questions within 24 hours Monday through Friday. If for some reason, you have not received a reply after 24 hours, please feel free to email me again or call my office.

## Required Materials:

None.

## Course Policies:

### Disability Statement

- If you are a student with a disability requesting reasonable accommodations in this course, please visit Disability Accommodations and Support Services (DASS) located on the second floor of Arroyo Hall, or call 805-437-3331. All requests for reasonable accommodations require registration with DASS in advance of need: <https://www.csuci.edu/dass/students/apply-for-services.htm>. Faculty, students and DASS will work together regarding classroom accommodations. You are encouraged to discuss approved accommodations with your faculty.

### Academic Dishonesty

- By enrolling at CSU Channel Islands, students are responsible for upholding the University's policies and the Student Conduct Code. Academic integrity and scholarship are values of the institution that ensure respect for the academic reputation of the University, students, faculty, and staff. Cheating, plagiarism, unauthorized collaboration with another student, knowingly furnishing false information to the University, buying, selling or stealing any material for an examination, or substituting for another person may be considered violations

of the Student Conduct Code (located at <http://www.csuci.edu/campuslife/student-conduct/academic-dishonesty.htm>). Please ask about my expectations regarding academic dishonesty in this course if they are unclear.

**Course Policies Subject to Change**

- It is the student's responsibility to check CILearn for corrections or updates to the syllabus. Any changes will be posted in CILearn.