

# Internship/Practicum in Computer Science

## Computer Science 399/490

<b>Instructor:</b>	Erik Krohn
<b>E-mail:</b>	krohne@uwosh.edu
<b>Office Location:</b>	Collaborate Ultra (link on canvas)
<b>Office Hours:</b>	Monday: 1:00pm - 2:00pm Tuesday: 2:00pm - 3:00pm Wednesday: 1:00pm - 2:00pm Thursday: 10:30am - 11:30am
<b>Prerequisites:</b>	75 or more credits completed. 6 or more upper level (300+) computer science credits completed. Completion of or concurrent enrollment in INTRDSCP 208.
<b>Course Website:</b>	<a href="http://canvas.uwosh.edu">http://canvas.uwosh.edu</a>

### Internship Course Information

An internship experience with a cooperating organization or corporation to provide on-the-job learning. This course satisfies the Writing Emphasis requirement for the Computer Science major.

### Practicum Course Information

A project-oriented course that brings together the material learned in previous computer science courses. The student will investigate and solve a problem(s) under supervision. This course satisfies The Writing Emphasis requirement for the Computer Science major.

### Student Responsibilities

Your responsibilities for this course include:

1. Writing a comprehensive self-reflective report that will ask you to relate your internship/practicum experience to our program outcomes. The outcomes are listed at: [http://www.uwosh.edu/computer\\_science/current-students/major-minor/objectives-learning-outcomes](http://www.uwosh.edu/computer_science/current-students/major-minor/objectives-learning-outcomes)
2. Delivering an oral presentation during the last week of the semester, including mandatory attendance for each and every oral presentation of your fellow practicum/internship students.
3. Filling out an exit survey.

## Supervisor Responsibilities

Your supervisor's responsibilities for this course include:

1. Evaluating your work at the end of the semester. This is a 17-week course. Let your supervisor know that they will be required to complete the evaluation form at:  
[http://www.uwosh.edu/computer\\_science/current-students/internships-practicums/assessment-of-student-work-in-internship-practicum](http://www.uwosh.edu/computer_science/current-students/internships-practicums/assessment-of-student-work-in-internship-practicum)  
This form must be completed by **Friday, May 28th, 2021**.

## Grading

Course grades will be based on the following:

- 50% - Supervisor's evaluation
- 25% - Self-reflective report
- 25% - Oral presentation

## Miscellaneous

I will not be in regular contact with your supervisor. Therefore, it is your responsibility to communicate to your supervisor all relevant information, including regulations, expectations, responsibilities, etc., pertaining to the course throughout the semester. If you have any questions about the course that you cannot find on the internship/practicum website [http://www.uwosh.edu/computer\\_science/current-students/internships-practicums](http://www.uwosh.edu/computer_science/current-students/internships-practicums), then you should contact me.

## Internship Course Outcomes

1. Collaborate with their mentor at the internship site, formulate a job description for a software development project(s) that can be reasonably completed and evaluated in a 150 to 200 hour work experience.
2. Implement the project as described in 1.
3. Communicate with their mentor at the interning site on a regular basis to discuss progress on the project and, if necessary, obtain guidance on problems that have arisen.
4. Describe progress made on the project in a final report that is submitted to the faculty internship/practicum coordinator. Since the faculty coordinator may not be an expert in the particular of the internship project, these reports must present the student's progress in the context of a coherent description of the problem being solved and the methodologies used to solve it.
5. Orally explain the particulars of the project in a presentation given to faculty and other computer science students.
6. Identify strategies for succeeding in the local, national, and global computing workforce.

## Practicum Course Outcomes

1. Work with an expert mentor/advisor, formulate a proposal for a small-scale research experience in computer science that can be reasonably completed and evaluated in a 150 to 200 hour work experience.
2. Implement the project as described in 1.
3. Communicate with the project mentor/advisor on a regular basis to discuss progress on the project and, if necessary, obtain guidance on problems that have arisen.
4. Describe progress made on the project in a final report that is submitted to the faculty internship/practicum coordinator. Since the faculty coordinator may not be an expert in the particular of the internship project, these reports must present the student's progress in the context of a coherent description of the problem being solved and the methodologies used to solve it.
5. Orally explain the particulars of the project in a presentation given to faculty and other computer science students.
6. Identify strategies for succeeding in the local, national, and global computing workforce.