

CS 399/490 – Internship/Practicum in Computer Science – 3 Credits Spring 2022

Coordinator: David Furcy
Email: furcyd@uwosh.edu
Office Hours: By appointment
Course Website: canvas.uwosh.edu

CS 399 Internship in Computer Science – Course description

An internship experience with a cooperating organization or corporation to provide on-the-job learning. Internships may be arranged at any time. Prerequisites: 75 credits toward graduation, at least six credits of 300-400 level Computer Science courses, and completion of Interdisciplinary 208 (Professional Career Skills in Math and Natural Science, 1 credit) with a passing grade.

CS 490 Practicum in Computer Science – Course Description

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 the supervision of a faculty member. Prerequisites: 75 credits toward graduation, at least six credits of 300-400 level Computer Science courses and completion of Interdisciplinary 208 (Professional Career Skills in Math and Natural Science, 1 credit) or completion of Interdisciplinary 208 with a passing grade.

Course Information: Now that you are officially registered for either the Practicum or Internship (P/I) courses, you need to be aware of everyone's responsibilities for this course.

Your responsibilities include:

1. Writing a comprehensive self-reflective essay that will ask you to relate your internship/practicum experience to our *student outcomes*. See: <https://uwosh.edu/cs/learning-outcomes/>
Guidelines for this essay are posted on Canvas. The due date and time for this report are **Tuesday, May 31, 2022 at 9:00 AM**.
2. Delivering an oral presentation (typically during finals week or the week before it), including mandatory attendance for each and every oral presentation of your fellow P/I students. Guidelines for this presentation are posted on Canvas.
3. Filling out an exit survey before **9:00 AM on Monday, May 9, 2022**.

As the P/I coordinator, my main responsibility is to grade items 1 and 2 (item 3 is required but NOT graded).

Your P/I supervisor is required to grade your work as well. Consequently be sure to let them know right away that they will be required, no later than **9:00 AM on Tuesday, May 31, 2022**, to complete the evaluation form at:

<https://uwosh.edu/cs/internships/assessment/>

The P/I supervisor's evaluation will count for 50% of your grade, the self-reflective essay for 25%, and the oral presentation for 25%. The exit survey must be filled out for you to pass the course, but it is not factored into your grade.

Your final letter grade for the course will be computed using the following mapping:

Numerical Score	Grade	Numerical Score	Grade
≥ 92	A	≥ 72	C
≥ 90	A-	≥ 70	C-
≥ 88	B+	≥ 68	D+
≥ 82	B	≥ 62	D
≥ 80	B-	≥ 60	D-
≥ 78	C+	< 60	F

Since I will not be in regular contact with your supervisor, it is your responsibility to communicate to him/her all relevant information, including regulations, expectations, responsibilities, etc., pertaining to the P/I course throughout the semester.

If you have any questions regarding the P/I course and cannot find the answer on the course web site, you should contact me.

Course Outcomes

For CS 399 (Internship) - The student will:

1. Collaborate with their mentor at the interning 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 essay that is submitted to the faculty internship/practicum coordinator. Since the faculty coordinator may not be expert in the particular of the internship project, this report 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.

For CS 490 (Practicum) - The student will:

1. Work with an expert mentor/adviser, 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 research 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/essay that is submitted to the faculty practicum coordinator. Since the faculty coordinator may not be expert in the particulars of the research project, this report 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.

Academic Misconduct Policy

Excerpt from [Chapter UWS 14 Student Academic Disciplinary Procedures](#): “The university has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors. Students who violate these standards must be confronted and must accept the consequences of their actions.”

Accommodations: The University of Wisconsin Oshkosh supports the right of all enrolled students to a full and equal educational opportunity. It is the University's policy to provide reasonable accommodations to students who have documented disabilities that may affect their ability to participate in course activities or to meet course requirements.

Students are expected to inform instructors of the need for accommodations as soon as possible by presenting an Accommodation Plan from either the Accessibility Center, Project Success, or both. Reasonable accommodations for students with disabilities is a shared instructor and student responsibility.

The Accessibility Center is part of the Dean of Students Office and is located in 125 Dempsey Hall. For more information, email accessibilitycenter@uwosh.edu, call 920-424-3100, or visit the [Accessibility Center Website](#).

Disclosure: Students are advised to see the following URL for disclosures about essential consumer protection items required by the Students Right to Know Act of 1990:

<https://uwosh.edu/financialaid/resources/consumer-information/>