

- Course Status (New, Revision, Teachout, Closed): New
- Grading Type (Decimal; Pass/No Pass; No Grade): Decimal
- Can the course be repeated for credit? No
 - Typically applies to an internship or independent study; will appear twice on the student transcript; this does not apply to a failed course that can be repeated
- Does the course require consent from the program for registration? No
- Are there pre-requisites? Student must have completed a minimum of 18 credit hours in the MSCS; be currently enrolled in a graduate program at City University with a cumulative GPA of 3.25 or higher. This class is repeatable for credit.
- Are there co-requisites? No

CS 680: Computer Science Internship

School of Technology & Computing

3 Credits, Graduate Course
Fall, 2020

Access to the Internet is required.

All written assignments must be in Microsoft-Word-compatible formats.

See the library's APA Style Guide tutorial for a list of resources that can help you use APA style.

Faculty Information

Professional experience information for instructors is found under *Faculty Information* in the online course menu.

Contact Information

Contact information for instructors is found under *Faculty Information* in the online course menu.

Email: [first name] [last name]

Phone: [xxx-xxx-xxxx]

Office Hours and Response Time: [I am available through MS Teams XXday and XXday nights between xx p.m.– xx p.m. I will respond within 24 hours. I will grade within three (3) business days after the due date.]

Bio: (keep images under 300px wide)

Course Description

As a part of the City University Program, there is the option of using a professional internship to enhance the graduate school experience. Within this option, a student will be involved in designing, participating in, and reflecting upon the internship experience. An internship is a planned new learning activity, which provides the student with a business-related learning experience designed to enhance competency while integrating theory and practice within a given field. Students can repeat their internship for the second quarter in sequence.

Prerequisite

Student must have completed a minimum of 18 credit hours in the MSCS; be currently enrolled in a graduate program at City University with a cumulative GPA of 3.25 or higher. This class is repeatable for credit.

Course Resources

Required and recommended resources to complete coursework and assignments are found on the course [Reading List](#). Note: resources listed under "Required - Must Purchase" should be purchased from a vendor of the student's own choosing; resources listed under "Available from the Library" are available at no cost to students.

Course Outcomes

As a result of this course, students will know or be able to do the following:

- Apply fundamental and advanced principles of computer science during internship.
- Apply SCRUM Principles.
- Analyze technical contributions and personal performance.
- Evaluate project impact and professional growth resulting from internship.
- Create an integrated assessment of the internship outcomes.
- Create a professional career trajectory based upon internship experience.

Grading Scale

The grades earned for the course will be calculated using City University of Seattle's decimal grading system, found in the current University Catalog (<https://www.cityu.edu/catalog/>).

Grading rubrics with details on how each assignment will be graded are located under *Assignments* and/or in *My Grades* in the online course menu. Students should review the rubric for each assignment prior to completing their work in order to understand how they will be assessed.

OVERVIEW OF REQUIRED ASSIGNMENTS	% OF FINAL GRADE	POINTS
The Muddiest Point (MP)	5%	50 = 5 points * 10 M
Concept Test (CT)	5%	50 = 5 points * 10 M
Discussion Board (DB)	10%	100 = 10 points * 10 M
Internship Project (IP)	80%	800 points
IP01: Internship Report & Presentation	8%	80 points
IP02: Internship Report & Presentation	8%	80 points
IP03: Internship Report & Presentation	8%	80 points
IP04: Internship Report & Presentation	8%	80 points
IP05: Internship Report & Presentation	8%	80 points
IP06: Internship Report & Presentation	8%	80 points
IP07: Internship Report & Presentation	8%	80 points
IP08: Internship Report & Presentation	8%	80 points
IP09: Internship Report & Presentation	8%	80 points
IP10: Internship Report & Presentation	8%	80 points
TOTAL	100%	1,000 points

Course Assignments and Grading

The instructor will provide grading rubrics that will provide more detail as to how this assignment will be graded

The Muddiest Point (MP)

Before class, students are required to submit the Muddiest Point (MP) activity. The purpose of this activity is to stimulate student engagement. The instructor uses the MP to assess how students understood the required readings. The instructor also uses the MP to customize the lecture scope to implement Just-in-Time Teaching (JiTT). The MP consists of writing a brief reflective essay (≤ 50 words) identifying the most confusing part (i.e., the MP) of the content covered in the upcoming module. If a student understood all concepts, the student needs to explain the most exciting aspect. There is one multiple-choice question from the required reading to demonstrate that the student understood the required readings.

Criteria	% of Grade
Participation	40%
Writing	40%
Accuracy	20%
TOTAL	100%

Concept Test (CT)

The instructor poses a problem based on key concepts of a lecture. After reflecting on the problem, students submit their response and the instructor review them without providing a correct answer. Students discuss their thought process and solution with a peer. Students then commit to an answer and re-submits their responses. Instructor reviews responses and thought processes with the correct answer.

Criteria	% of Grade
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Engagement	100%
TOTAL	100%

Discussion Board (DB)

A student posts an answer to a weekly discussion topic in Discussion Board. The student also posts a response to two other students' posts by the end of each module. Comments and questions should be clear and thoughtful, with correct grammar, spelling, and punctuation. The instructor will grade the quality of your discussion postings on both content and response.

Criteria	% of Grade
Participation	50%
Writing	50%
TOTAL	100%

Internship Project (IP) Report

Internship students should submit an entry to their journal weekly. The student must attend a weekly internship meeting and present their progress at the meeting. At the end of the internship, every internship student should submit the internship final report and present the internship to the public

Before any presentation and report writing, each student must receive approval from his or her internship worksite supervisor to confirm the organization's disclosure policy. Both the internship student and the internship worksite must agree which information they can use or cannot use for the final public presentation and the final report.

Criteria	% of Grade
Structure	20%
Content	30%
Writing	30%
Reference	10%
Communication	10%
TOTAL	100%

Internship Presentation (IP)

The presentation slide is required at each weekly meeting. The student will report on the outcomes of the internship to an academically appropriate committee in a public forum. We encourage each internship student to invite his or her internship worksite supervisor.

Internship students will have 15 minutes for presentation and 5 minutes for questions and answers. Presentation times are strictly enforced.

Contents

- The final presentation consists of 15+4 slides: 15 slides for content and 4 slides for cover, agenda, key references, and Q&A.
- The PPT template is provided. Each student can change design and color.

- A demo video (a maximum of 1-2 minutes) for each project is required. However, the demo video is included in the total presentation time (15 minutes).
- A presentation video (15 minutes) is acceptable for the public presentation if the student is unavailable during the scheduled event.
- The final report is the culmination of applied research and activities conducted throughout the quarter. The final report/paper provides a detailed problem and its solution likely to be encountered by a company or organization described in a case study supplied by the student.

Criteria	% of Grade
Structure	20%
Visual Presentation	30%
Verbal Quality & Engagement	30%
Communication	20%
TOTAL	100%

COURSE POLICIES

Course policies on topics such as Late Assignments, Participation, and Professional Writing are found under Course Information in the online course menu. Students are responsible for reviewing and applying these policies while enrolled in this course.

UNIVERSITY POLICIES

Students are responsible for understanding and adhering to all of City University of Seattle's academic policies. The most current versions of these policies can be found in the [University Catalog](#) that is linked from the CityU Web site.

Title IX Statement

City University of Seattle and its faculty are committed to supporting our students and seeking an environment that is free of bias, discrimination, and harassment. If students have encountered any form of sexual misconduct (e.g. sexual assault, sexual harassment, stalking, domestic or dating violence), we encourage them to report this to the University. If a student speaks with a faculty member about an incident of misconduct, that faculty member must notify CityU's Title IX coordinator and share the basic fact of the experience. The Title IX coordinator will then be available to assist students in understanding all of the options and in connecting students with all possible resources on and off campus.

To view CityU's sexual misconduct policy and for resources, please visit the [Title IX](#) and [Campus Safety](#) pages in the my.cityu.edu portal.

Religious Accommodations

Washington state law requires that City University of Seattle develop a policy for accommodation of student absences or significant hardship due to reasons of faith or conscience, or for organized religious activities. The University's policy, including more

information about how to request an accommodation, is available in the University Catalog. Accommodations must be requested within the first two weeks of this course using the Religious Accommodations Request Form found on the student dashboard in the my.cityu.edu student portal.

Academic Integrity

Academic integrity in students requires the pursuit of scholarly activity that is free from fraud, deception and unauthorized collaboration with other individuals. Students are responsible for understanding CityU's policy on academic integrity and adhering to its standards in meeting all course requirements. A complete copy of this policy can be found in the [University Catalog](#) under *Student Rights and Responsibilities* on the page titled *Academic Integrity Policy*.

Attendance

Students taking courses in any format at the University are expected to be diligent in their studies and to attend class regularly.

Regular class attendance is important in achieving learning outcomes in the course and may be a valid consideration in determining the final grade. For classes where a physical presence is required, a student has attended if they are present at any time during the class session. For online classes, a student has attended if they have posted or submitted an assignment. A complete copy of this policy can be in the [University Catalog](#) under *Student Rights and Responsibilities* on the page titled *Attendance*.

Support Services

Disability Services Accommodations Statement

Students with a documented disability who wish to request academic accommodations are encouraged to contact Disability Support Services to discuss accommodation requests and eligibility requirements. Please contact Disability Support Services at disability@cityu.edu or 206.239.4752 or visit the [Disability Support Services](#) page in the my.cityu.edu portal. Confidentiality will be observed in all inquiries. Once approved, information about academic accommodations will be shared with course instructors.

Library Services

CityU librarians are available to help students find the resources and information they need to succeed in this course. Contact a CityU librarian through the [Ask a Librarian](#) service, or access [library resources and services online](#), 24 hours a day, seven days a week.

Smarthinking Tutoring

CityU students have access to free online tutoring offered through Smarthinking, including writing support, from certified tutors 24 hours a day, seven days a week. Contact CityU's Student Support Center at help@cityu.edu to request a username and password.

School of Technology & Computing

Rubrics

The Muddiest Point (MP) Rubric

Description

Before class, students are required to submit the Muddiest Point (MP) activity. The purpose of this activity is to stimulate student engagement. The instructor uses the MP to assess how students understood the required readings. The instructor also uses the MP to customize the lecture scope to implement Just-in-Time Teaching (JiTT). The MP consists of writing a brief reflective essay (≤ 50 words) identifying the most confusing part (i.e., the MP) of the content covered in the upcoming module. If a student understood all concepts, the student needs to explain the most exciting aspect. There is one multiple-choice question from the required reading to demonstrate that the student understood the required readings.

Rubric Detail

100%	Levels of Achievement			
Criteria	Below Standard	Approaching Standard	At Standard	Exceeds Standard
Participation Weight 40%	0% No submission	50% Late submission	100% On-time submission	100% On-time submission
Writing Weight 40%	0%-49% No submission. Submission states the concept without	50%-74% Submission states the concept without justification and	75%-89% Submission clearly states the concept and justifies why the	90%-100% In addition, the submission is 50 words or less

	explanation and shows grammatically incorrect in many places.	shows partially grammatically correct.	topic was exciting or clearly explains what the student could not understand.	and shows critical thinking.
Correctness Weight 20%	0% Submission does not answer the questions correctly or fails to answer the question.	0% Submission does not answer the questions correctly or fails to answer the question.	100% Submission answers the questions correctly.	100% Submission answers the questions correctly.

Concept Test (CT) Rubric

Description

The instructor poses a problem based on key concepts of a lecture. After reflecting on the problem, students submit their response and the instructor review them without providing a correct answer. Students discuss their thought process and solution with a peer. Students then commit to an answer and re-submits their responses. Instructor reviews responses and thought processes with the correct answer.

Rubric Detail

100%	Levels of Achievement			
Criteria	Below Standard	Approaching Standard	At Standard	Exceeds Standard
Engagement Weight 100%	0%-49% Submission does not show an answer or	50%-74% Submission shows an answer with justification, but	75%-89% Submission includes an answer,	90%-100% Submission includes an answer,

	shows an answer without justification.	there is no peer student engagement.	justification, and peer engagement.	justification, and peer engagement with critical thoughts.
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