

YWCC 307: Professional Development in Computing

Course and Instructor Information

Semester: Fall 2025

Delivery Mode: Face-to-Face

Meeting Times and Location:

- Section 105 Mondays 6:00 PM - 7:20 PM KUPF 202
- Section 107 Mondays 7:30 PM - 8:50 PM KUPF 103
- Section 101 Tuesdays 6:00 PM - 7:20 PM KUPF 103
- Section 103 Tuesdays 7:30 PM - 8:50 PM KUPF 103
- Section 003 Fridays 1:00 PM - 2:20 PM CKB 310
- Section 109 Fridays 6:00 PM - 7:20 PM CKB 313

Instructor: Keita Ohshiro

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Office Hours: Tuesdays 11:30 AM - 12:30 PM, Fridays 11:30 AM - 12:30 PM, or by appointment

Office: Guttenberg Information Technology Center (GITC) 3902

Course Description

This course is designed for junior year students to reflect back on the college experience and to help plan for the future as a computing professional. The course will explore transitional issues that occur during the progression from student to professional through reflection on co-op and/or internship.

Prerequisites

- [YWCC 207](#)

Materials

- [Canvas Learning Management System](#)
- [Visual Studio Code](#)
- [A GitHub Account](#)

Learning Outcomes

The learning outcomes for this course are designed to align with [ABET Student Outcomes 3 and 4](#) which are reproduced here for transparency:

Graduates of the program will have an ability to:

3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

Outcomes expected upon completion of this course:

1. Students will be able to create a learning plan for a new computing topic.
2. Students will be able to estimate how long it will take to achieve a project milestone and budget their time accordingly.
3. Students will be able to effectively communicate their concerns to a supervisor.
4. Students will be able to effectively communicate with other team members.
5. Students will be able to participate in a team and recognize the importance of the entire team being successful.
6. Students will be able to make informed decisions based on legal and ethical principles.
7. Students will have strategies to maintain interest in learning new things and adapting over the course of a computing career.

Course Outline

(Subject to modification)

Meeting	Topics	Learning Outcomes
1 Tue: 9/2 Fri: 9/5 Mon: 9/8	<ul style="list-style-type: none">● Course Introduction	
2 Tue: 9/9 Fri: 9/12 Mon: 9/15	<ul style="list-style-type: none">● What does professional development in a computing career look like?● What are employers looking for in a new employee?	7
3 Tue: 9/16 Fri: 9/19 Mon: 9/22	<ul style="list-style-type: none">● Learning how to learn● Knowing and communicating your limitations	1, 3
4 Tue: 9/23 Fri: 9/26 Mon: 9/9	<ul style="list-style-type: none">● Professional responsibilities as a team member● How to disagree productively● Conflict resolution	3, 4, 5
5 Tue: 9/30 Fri: 10/3 Mon: 10/6	<ul style="list-style-type: none">● Delivering● Scope creep● Good enough can be better but it can't be perfect	5
6 Tue: 10/7	<ul style="list-style-type: none">● Team dynamics● QA responsibilities● Team accountability	4, 5, 6

Fri: 10/10 Mon: 10/13		
7 Tue: 10/14 Fri: 10/17 Mon: 10/20	<ul style="list-style-type: none"> • Working with a project manager • Effectively suggesting improvements • Reading a room 	3, 4
8 Tue: 10/21 Fri: 10/24 Mon: 10/27	<ul style="list-style-type: none"> • Modeling as communication • Making meetings productive 	3, 4
9 Tue: 10/28 Fri: 10/31 Mon: 11/3	<ul style="list-style-type: none"> • Sustaining interest • Fostering innovation and creativity 	1, 7
10 Tue: 11/4 Fri: 11/7 Mon: 11/10	<ul style="list-style-type: none"> • Legal and ethical responsibilities in the computing workplace • Workplace harassment, intimidation, and bullying 	3, 4, 6
11 Tue: 11/11 Fri: 11/14 Mon: 11/17	<ul style="list-style-type: none"> • Participating in an unbalanced team • Maintaining accountability 	3, 4, 5
12 Tue: 11/18 Fri: 11/21 Mon: 11/24	<ul style="list-style-type: none"> • Lifelong learning in computing careers • Transitioning to a management role 	3, 4, 7
13 Tue: 12/2 Fri: 11/26 (Wed) Mon: 12/1	(Buffer)	
14 Tue: 12/9 Fri: 12/5 Mon: 12/8	Course Review	

Policies

Grading Policy

This course has ten assignments which are used to determine your final grade. Each assignment contributes to 10% of your final grade. Any assignment turned in after its due date can receive a maximum of half credit.

A Superior	B+ Excellent	B Very Good	C+ Good	C Acceptable	D Minimum	F Inadequate
> 90	85 - 90	80 - 85	75 - 80	70 - 75	60 - 70	< 60

Academic Integrity Policy

Academic Integrity is the cornerstone of higher education and is central to the ideals of this course and the university. Cheating is strictly prohibited and devalues the degree that you are working on. As a member of the NJIT community, it is your responsibility to protect your educational investment by knowing and following the academic code of integrity policy that is found at: NJIT Academic Integrity Code.

Please note that it is my professional obligation and responsibility to report any academic misconduct to the Dean of Students Office. Any student found in violation of the code by cheating, plagiarizing or using any online software inappropriately will result in disciplinary action. This may include a failing grade of F, and/or suspension or dismissal from the university. If you have any questions about the code of Academic Integrity, please contact the Dean of Students Office at dos@njit.edu.

Generative AI

Student use of artificial intelligence (AI) is permitted in this course for assignments and activities. Additionally, if and when students use AI in this course, the AI must be cited as is shown within the [NJIT Library AI citation page for AI](#). If you have any questions or concerns about AI technology use in this class, please reach out to your instructor prior to submitting any assignments.

Student Absence Verification

Students should contact the Office of the Dean of Students (DOS) to verify their absence when missing class due to bereavement, medical concerns, military activity, legal obligations, or university-sponsored events. Once the absence has been verified, the DOS will communicate to your professor(s) on your behalf. Please note that our office only verifies documentation and it is at the discretion of your professor(s) or their department's policy to provide any accommodation. It is the student's responsibility to follow up with the professor(s). Students who select an option

(bereavement, medical concerns, etc.) that does not match the presenting concern and supporting documentation will be rejected. For more information, please see <https://www.njit.edu/dos/student-absence-verification>.

Center for Counseling and Psychological Services

C-CAPS provides free counseling for full-time students. For more information, see <https://www.njit.edu/counseling/>.

Getting Technical Help

The [IST Service Desk](#) is the central hub for all information related to computing technologies at NJIT. This includes being the first point of contact for those with computing questions or problems.

Accessibility

If you are in need of accommodations due to a disability, please contact Scott Janz, Associate Director of the Office of Accessibility Resources & Services (OARS), Fenster Hall Room 260 to discuss your specific needs. A Letter of Accommodation Eligibility from the OARS authorizing your accommodations will be required.