Welcome!

CCIS 1505 / 1515 – Fundamentals / WPO

Instructor Info

Email: mary.mosman@hennepintech.edu

Chat Room: mary-mosman

Direct Message or mention me and I'll get a notification if I'm available.

Office Hours:

Mon & Wed, 4 – 5:30 PM at EPC

Thurs, 11 AM – noon at BPC

Online by appts by request:

- Preferred time in syllabus
- Weekend times may be available if requested before 5PM Friday

Two Courses Combined

CCIS 1505

Fund. of Programming

- 4 credit course
- Required for .Net and some adv tech certs
- covers advanced concepts and objects
- meets every week

CCIS 1515

Web Prog Overview (WPO)

- 3 credit course
- Mainly Networking
- Skips advanced topics and objects
- 4 fewer classes / labs

Expectations

- Participate in class every week.
- Attendance is expected for the entire class session.
- Check your student email regularly
- Expect to spend 8-12 hours a week on this course outside of class. (2-3 hours per credit.)
- Pay attention to the due dates on the D2L calendar, dropboxes and quizzes. It is your responsibility to submit work on time.

General Class Schedule

10 min. retrospective & review

50 min. lecture

2.5 hours lab time

20 min. wrap up & questions

Materials

- No textbook. Everything is on the web.
- We'll start programming in Snap!, *a* browser based, graphical-block language.
- Later in the semester we will work with Python, *a* text-based, *real-world* language.

D2L Brightspace

- Course Syllabus & Intro Materials
- Official due dates for assignments
- Dropbox locations for homework labs and project files

Course Website

The course information is located at:

htc-ccis1505.github.io/main

This is hosted on GitHub. GitHub is a great IT resource and a great place to store and share projects that you work on with friends, instructors, and employers.

Online Chat Room

Questions and discussion between classes.

htc-ccis1505.slack.com

Fastest way to get in touch with me.

Contributes to your class participation grade.

Grades

10% Participation & Professionalism	Participation in weekly in-class activities and quizzes Coming prepared to class, asking & answering questions in class, pair programming assessment, online chat room
25% Labs	Weekly lab assignments: In-class lab exercises done as a pair, and homework labs that you will do individually.
30% Projects	Project assignments - larger, multi-week coding projects
35% Exams	Exams are in-class, individual programming and concept tests

Final grades are letter grades based on a 10 point scale. 90-100 = A, 80-89 = B, etc.
Grades are what you earn, there is no "curving of grades", so everyone can get an A.

Lab Assignments

- Weekly exercises to teach the programming logic and concepts
- In-class lab is due at the end of class
- Homework is due before the next class
- Measure weekly progress
- Not accepted late

Project Assignments

- Project assignments are larger, multi-week assignments that take significant effort
- Manage your time well and start early
- Ask for help early on if you need it. We get very busy as deadlines approach and have limited time to help each person.
- Remember there are late penalties!

Exams

We will have 3 exams:

- Exam 1 – code in Snap! – topics up to lists
- Exam 2 – code in Snap! – topics up to objects
- Exam 3 – code in Python – covers everything

One sheet of notes (additive) per exam.
No make-up exams (clobber policy).

Clobber Policy

Allows you ONE of the following:

1. Replace exam 1 score with exam 2 score.
2. Replace exam 2 score with final exam score.
3. Replace exam 1 score with final exam score.

Note that the final exam score is always final.

Bonus Points

- Earned by going above and beyond:
  - in class or in the chatroom
  - on assignments by doing the extras
- They may push you over a grade boundary for example from a B+ to an A.
- Merit of bonus points is determined by me as I do the final grades for the class.

Questions?

Before we dive into the material…

Questions on the policies or syllabus, anything I missed?

Is this going to be hard?

- Probably, but what isn't?
- Learning to think differently means breaking habits, habits that you probably aren't even aware that you have.
- Remember that you're not alone. We're all in this together.

https://youtu.be/iPFOlXo7UPI

How to succeed

- Do the work
- Ask questions
- Learn from your mistakes & failures
- Celebrate your successes
- Be persistent
- Don't be stubborn - know when to get help

Work Together

- Be supportive of each other
- Be a good lab partner (pair)
- Use the chat room to ask questions
- Answer questions for other students
- Share ideas and thoughts on lecture and additional resources

Share ideas not code

- You are encouraged to work with your peers, but cooperation has a limit.
- For this class, that limit is copying and using lines of code that are not your own.
- Copied work (from a peer or the internet) will result in no credit - both for the one sharing and the one copying.

Need help?

- Ask questions early!
- Don't wait until the next class to get help. You are already behind at that point.
- Ask good questions. Know what you need help with and communicate that clearly.
- Do NOT expect others to do the work for you. We will not tell you what to do.

Resources

- Other students
- Instructor Office Hours
- Learning Resource Center (LRC)