

Intermediate Python – Fall 2022

Instructor

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Altangerel

Phone
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Course Overview

This course builds upon the introduction course and machine learning courses to advance student capability in both Python and machine learning. Object oriented programming will be formally introduced along with user defined functions. Students will create an end to end data science pipeline that either does data IO, machine learning, or some other task.

Email

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Course Materials

All course materials are distributed via LETUNet on the course page. These include links to software, DataCamp access, and lecture notebooks.

Office Location

3rd floor – Teachers Office

Grading

The grading for the course is as follows:

Office Hours

See instructor schedule

Attendance	10%
Problem Sets	40%
Project(s)	50%
Total:	100%

Academic Honesty (Cheating)

Cheating is absolutely not allowed in this class. If I see you cheating on any quiz, test, or homework, you will receive a 0 for that assignment. If you are found to be cheating more than once in the course, you will receive an F for the course and will not receive credit.

Attendance

As a student you are required to attend every class. If you are late more than 10 minutes you will be counted absent from that class period. However, emergencies and other unforeseen events do happen. As such you will be allowed a total of two (2) unexcused absences for the semester. Use these wisely.

Schedule

Week	Subject	Problem Set
1	Introduction	
2	Writing Good Functions	PSET0
3	Object Oriented Programming	PSET1
4	Software Engineering for DS	PSET2
5	Unit Testing	PSET3
6	Web Scraping	PSET4
7	Streamlit	PSET5
8-11	Project 1	
12-15	Project 2	