The primary objective of this course is to continue developing your understanding of basic computer science concepts. We will continue where CIS 210 ended and then move on to new topics, including object-oriented programming, graphical user interfaces, web applications, and databases. If there is time we will also look at script programming and related topics.

CIS 212 is a required course for CIS majors, who are strongly advised to have completed or be currently enrolled in Math 232.

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Lectures: MWF 1:00 – 1:50, 302 Gerlinger

Labs:
Mon 2:00 – 2:50, 26 Klamath
Mon 3:00 – 3:50, 26 Klamath
Wed 9:00 – 9:50, 26 Klamath
Wed 3:00 – 3:50, 26 Klamath

Textbook: Introduction to Computing Using Python, by Ljubomir Perkovic

Projects: There will be five programming assignments, one every two weeks. The programs will all be written in Python. You should be able to continue using the Python environment you used in CIS 210, either on your own computer or on computers in the UO Computer Center microcomputer lab in Klamath B26.

Final exam: 3:15 PM on Thursday, March 20, in 302 Gerlinger.

Grading:
Programming projects: 60%
Final Exam: 30%
Extra credit and class participation: 10%

Extras: Most labs will have extra credit opportunities. Other ways to earn extra points include contributions to discussions in class and posting to on-line discussions on Piazza.