Instructor: Qi Cheng, DEH254, qcheng@cs.ou.edu.

Office Hours: MW 1:30-2:45

Teaching Assistant: Mamta Yadav (mamta.go4@ou.edu)

Course Website: Access through https://learn.ou.edu

Required Text: Programming Languages Pragmatics, Michael L. Scott, 3rd edition, Morgan Kaufmann.

Required Work: Homeworks are due at the beginning of class. Please submit your homework using dropbox at https://learn.ou.edu. Late homework will not be accepted without advance approval. The final grade consists of:

- Quiz: 30%
- Homeworks: 20%
- Midterm: 20%
- Final Examination: 30%

The quiz with the least score will not be counted in your final grade. No make-up quiz can be provided. Students are expected to study the chapter before a lecture.

Learning Goals and Plan: Successful students will understand basic programming language concepts such as syntax, type systems and semantics. They will study some practical issues such as memory management and exception handling. They will also learn basic programming paradigms: imperative programming, object-oriented programming, functional programming and Scripting. We will cover Chapters 1,2,3,4, 5 and 6 in the first half of the semester, and Chapters 7, 8, 9, 10 and 13 in the second half.

Specific Outcomes of Instruction: By the end of the semester, the students will increase their: 1. Ability to apply knowledge of computing and mathematics appropriate to the discipline (outcome a), 2. Ability to use current techniques, skills, and tools necessary for computing practice (outcome i).

Special Note: Any student who, because of a disabling condition, may require some special arrangements in order to meet course requirements should contact the instructor as soon as possible to make necessary accommodations.