COURSE SYLLABUS

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YEAR COURSE OFFERED: 2014

SEMESTER COURSE OFFERED: Fall

DEPARTMENT: Information Technology

COURSE NUMBER: ITEC 3312

NAME OF COURSE: Introduction to Scripting

NAME OF INSTRUCTOR: Dr. Arti Mann

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The information contained in this class syllabus is subject to change without notice. Students are expected to be aware of any additional course policies presented by the instructor during the course.

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Learning Objectives

After completing this class, students will be able to:

- Design and develop solutions to simple programming problems using Python.
- Use good programming practices in script writing (for Python).
- Write programs that demonstrate an understanding of data types.
- Use control and decision structures and loops in the design and implementation of scripting programs.
- Write modular programs and pass parameters to/ between functions and routines.

Major Assignments/Exams

- Homework/Assignment (25% of grade) Assigned weekly/bi-weekly during the semester.
- Quizzes (15% of Grade)
- Exam 1 (15% of grade)
- Exam 2 (15% of grade)
- Final (30% of grade)

Recommended Reading
- Python Programming, Second Edition (ISBN: 978-1-59028-241-0)

List of discussion/lecture topics

- Introduction to python programming

COURSE SYLLABUS

- Data structures
- Control flow tools
- Modules and packages
- Input and output handling, classes