**University of Bridgeport**

**Department of Computer Science & Engineering**

**CPSC-442: Python Programming**

**Fall 2017**

**Instructor**

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**Prerequisite**: CPSC-442

**Textbook:**

* Murach’s Python Programming, Michael Urban and Joel Murach. ISBN:978-1-890774-97-4

**Lecture Requirements:**

* Laptop

**Topics:**

* Introduction to Python Programming
* Control Statements
* Functions and Modules
* Lists and Tuples
* File I/O
* Exceptions
* Working with numbers, Strings, Dictionaries, Dates and Times
* Recursion and algorithms
* OOP, Classes and Inheritance
* GUI Programming
* Working with Databases

**Grading Policy:**

Exams and Quizzes 60%

Assignments 10%

Projects 30%