**COURSE DESCRIPTION**:  Prerequisite:  Basic programming knowledge

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| This course provides an overall introduction to modern technologies and concept employed in the development of a multi-tier e-business application using Python.   Upon successful completion of this course, you will be able to:    A.  understand the fundamental programming constructs  B.   describe the components of a multi-tier e-business application  C.   understand the technologies used in developing those components  D.  understand the fundamental architecture of internet applications  E.   explore and experiment with latest technologies and concepts |  |

**TEACHING METHODS**:

Lectures and class discussions, software demonstrations, and assignments. Students require to check Vsity regularly for the assignment’s due dates and lecture materials.

**Textbooks:**

Starting out with Python, 4th edition, by Tony Gaddis

**Software:**

Python 3, PyCharm or any other IDE

**Grading:**

Assignments 100%