

CONTINUING EDUCATION CURRICULUM

COMP (Computer and Information System)

***663 Python For Data Science**

Hours: 126

Advisories: COMP 660 Programming With Python I; and COMP 661 Programming With Python II; and COMP 662 Python For Data Management.

This course explores the theory and concepts of data science while acquiring Python programming knowledge to solve real world data challenges. At the end of this program, students will make sense of the data by using Python's wide variety of data analytics and graphical modeling packages to perform exploratory data analysis, apply visualization and inferential techniques, as well as data mining algorithms, to real-world data that is engaging and relevant in the industry in the years ahead. (FT)

Action(s) Proposed: New Course
(Proposed for Distance Education)

Approved

Effective: Fall 2021

Approved

**Curriculum Instructional Council
Actions Approved – February 11, 2021**

PROGRAM CHANGES

Effective Fall 2021

Program Revision- *Approved*

* Data Management with Python Certificate of Completion