



Course Description

CAP4936 | Special Topics in Data Analytics | 4.00 credits

This upper division course is for students majoring in data analytics. The course centers around topics of current interest or of special interest to students or instructors. Topics or focus may vary from semester to semester. Prerequisite: Department permission.

Course Competencies:

Competency 1: The student will demonstrate an understanding of a current topic in data analytics by:

1. Describing a variety of terms and concepts related to the topic
2. Identifying how this topic is related to the field of data analytics
3. Identifying how the technology behind this topic is used in modern businesses
4. Using programming languages and/or software titles related to the topic

Competency 2: The student will demonstrate the ability to communicate matters related to this topic by:

1. Creating group projects that solve a problem in data analytics
2. Delivering a presentation that is intended for decision-makers

Learning Outcomes:

- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Use computer and emerging technologies effectively