CS 6640 SOFTWARE ENGINEERING

Semester Hours: 3.0
Coordinator: TBD
Text: TBD
Author(s): TBD
Year: TBD

Contact Hours: 3

SPECIFIC COURSE INFORMATION

Catalog Description:
Advanced topics related to the analysis, design, and development of large software projects.
Prerequisite: CS 5640

Course type: Elective

SPECIFIC COURSE GOALS

- TBD

LIST OF TOPICS COVERED

- Broad Issues and Challenges of Software Engineers
- CASE tools
- Rapid Prototyping
- Software Complexity
- Program Productivity
- Software Costing Models
- Object-Oriented Software Engineering
- Software Reliability Concepts and Models
- Training Issues
- Future Trends
- Alternative Software Engineering Methodologies and Environments
- Database Software Engineering
- Usability Engineering
  - Psychology of programming
  - User interface design