

## **CSCI 4101 - CONTEMPORARY TOPICS IN COMPUTER SCIENCE**

**CREDIT HOURS:** 1-3

**PREREQUISITES:** 6 advanced hours of computer science or department chairman approval.  
Particular prerequisites may vary with different topics.

**GRADE REMINDER:** Must have a grade of C or better in each prerequisite course.

### **CATALOG DESCRIPTION**

Study of recent developments and topics of current interest in computer science. A student may repeat this course with department head approval. May be used only once to partially satisfy the 4000-level requirement in computer science.

### **PURPOSE OF COURSE**

To introduce, and cover in breadth and depth, an important contemporary subject that is not yet in the curriculum. The specific goals depend on the specific subject.

### **EDUCATIONAL OBJECTIVES**

Upon successful completion of the course, students should be able to:

1. Undertake an intense and thorough study of one or more recent developments and/or topics of current interest in computer science.
2. Apply the developments and/or topics, in a practical sense, if and where appropriate.
3. Gain experience in learning and working at or near the cutting edge of computer science.

### **COURSE CALENDAR**

This course meets for a minimum of 12.5 lecture contact hours for each hour of credit during the semester. Students have significant weekly reading assignments. Students are expected to complete weekly homework/programming assignments, and 2-3 periodic exams in addition to the final exam. Students are expected to prepare for any class assignments or quizzes over the material covered in class or in the reading material. Successful completion of these activities requires at a minimum two additional hours for each hour of credit for outside of classroom work each week.

### **CONTENT**

Depends on the specific subject.

### **TEXTBOOK**

Depends on the specific subject.

### **REFERENCES**

Depends on the specific subject.

