

COURSE DESCRIPTION

Dept., Number	Engr 596, 597, 598	Course Title	Special Projects I, II, III
Semester hours	1-3	Course Coordinator	H. Conrad Cunningham, Professor

Current Catalog Description

Approved investigation of an original problem under the direction of a staff member. (May be repeated for credit.)

Textbook

None

References

Varies according to the problem investigated.

Course Outcomes

The Department of Computer and Information Science uses these three courses for elective independent study registrations for both undergraduate and graduate students. Upon successful completion of one of these courses, the students must satisfy the objectives they defined at the beginning of the study in conjunction with the supervising faculty member.

Relationship between Course Outcomes and Program Outcomes

By its nature, an independent study typically contributes to program outcome (b), giving the students experience in analyzing original problems and defining requirements for their solutions. However, the contributions to other program outcomes depend upon the natures of the problems investigated, the literature consulted, the solution techniques attempted, the tools used, and the organizational structures and environments in which the investigations were carried out.

Prerequisites by Topic

No official prerequisites. The supervising faculty member must agree that each student has a sufficient background to undertake the study as defined. Most undergraduate students will typically have completed CSci 211 and 223 before undertaking an independent study.

Major Topics Covered in the Course

Varies according to the agreement between the supervising faculty member and students.

Assessment Plan for the Course

At the end of an independent study, the supervising faculty member and students informally evaluate the experience and use the insights gained in improving future independent studies and related regular courses.

How Data in the Course are Used to Assess Program Outcomes (unless adequately covered already in the assessment discussion under Criterion 4)

--

Estimate Curriculum Category Content (Semester hours)

Area	Core	Advanced	Area	Core	Advanced
Algorithms			Software design		
Data structures			Concepts of programming languages		