



CpS 479

Independent Study in Computer Science

Fall/2019

Instructor:	James A. Knisely, Ph.D.
Office:	Alumni 64
Office Hours:	TWTH 9:30-10:50 a.m.; F 10:00-10:50 MW 3:00-3:50 p.m. by appointment
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Communication Policy:	The best way to contact me is by e-mail since I may answer that in the evenings. Feel free to stop by the office at other times for some help.
Classroom:	AL 64
Meeting:	Weekly TBA
Credit/Load:	3/3
Textbook(s):	Resources vary based on the chosen topic.

Catalog Description:

Special study of a project chosen in consultation with the computer science faculty.

Course Overview:

This course allows one or more students to study a computer science topic with some oversight by a CpS faculty member, but primarily in a non-classroom environment.

Course Context:

The faculty of the Computer Science department has aligned the computer science program with the goals of the Mathematical Sciences Division, BJU's Bible and liberal arts core objectives, and BJU's institutional goals. The goal of the Computer Science department is to align all courses in the Computer Science and Information Technology majors to support the following departmental goals:

- Design and implement solutions to practical problems
- Demonstrate an ability to communicate technological information effectively both in written and oral forms
- Demonstrate an ability to acquire new knowledge in the computing discipline

Course Goals:

- In the context of the topic chosen by the student(s) and approved by the faculty member, the student(s) will meet the three departmental goals listed above.

Course Objectives:

Upon successful completion of this course the student will (in the context of the topic chosen by the student(s) and approved by the faculty member):

1. Design and implement solutions to programming problems
2. Present the technological information effectively both in written and oral forms, and
3. Demonstrate the acquisition new knowledge in the computing discipline

Course Requirements:

- The requirements for the course will be agreed upon by the student and the faculty member at the beginning of the semester.
- Grades will be computed as follows:
 - Timeliness: 15% (across all posted deadlines)
 - Evaluation: 85% (of final project deliverables)