Rowan University
Department of Computer Science

Course Proposal

Graduate Topics in Computer Science

1. Details
   a. Course Title: Graduate Topics in Computer Science
   b. Sponsor: Jennifer Kay, Department of Computer Science
   c. Credit Hours: 3
   d. Course Level: Graduate
   e. Curricular Effect: Academic Specialization Elective for students in the Masters in Higher Education Program with Computer Science Specialization
      May be taken multiple times by a student.
   f. Prerequisites: Vary with topic
   g. Suggested Time, Implementation, and Resources: The course will be scheduled periodically, as faculty resources permit.

2. Rationale

   A "topics" course will allow faculty to offer occasional elective courses in their areas of expertise and research. These may be either courses on topics not covered in the regular schedule or advanced courses in subjects for which an introductory course now exists.

3. Essence of the course
   a. Objectives in relation to student outcome

      Students will learn about some aspect of computer science not covered in the regular course offerings. Specific objectives will vary according to topic.

   b. Topics

      Potential topics for this course include: advanced graphics; advanced artificial intelligence, advanced software engineering.
      Topic proposals will be submitted to the department chair for approval.

4. Consultants

5. Catalogue description

Graduate Topics in Computer Science
(Prerequisites: Will vary with topic.)

This course enables the faculty to offer courses in advanced topics at the graduate level which are not offered on a regular basis. Prerequisites will vary according to the specific topic being studied.