ROWAN UNIVERSITY
Department of Computer Science

Minor Curricular Change
Change Semester Hours of “Data Structures and Algorithms”

1. Details
   a) Change requested: 0704.222 Data Structures and Algorithms: Change from a 3 semester hour to a 4 semester hour incorporating a Laboratory for students
   b) Sponsors: Ganesh Baliga and Jennifer Kay, Computer Science Department

2. Rationale
   a) Statement of “need” for such a change

   Data Structures is the second semester course for majors in the computer science department. Students are continuing to study the language taught in Computer Science and Programming, while learning about common techniques to solve common problems in computer science. Adding a lab component would make the mastery of the language issues much easier for students, thus allowing more class time to be spent on the language-independent concepts covered.

   b) Statement of curricular effect

   Students pursuing a major will require 123 semester hours to graduate (61 s.h. of Major Requirements). Students pursuing a minor will require 23 semester hours of coursework

3. Results of Consultation:
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4. Resources

   Each section of Data Structures will require a computer laboratory for one class meeting each week
   Faculty will receive 5 load hours for this course. This is consistent with other lab courses in Computer Science and other departments.