Submitted by: Ian Finlayson  
Date Prepared: October 14, 2014

Department/Discipline(s) and Course Number(s): CPSC 425

Course Title: Parallel Computing

Type of change (check all applicable):
Number* _____ Title_____ Credits_____ Description__X_ Prerequisites __X_ Deletion_____ Cross list**____

*This course number must be approved by the Office of the Registrar before the proposal is submitted.

**To cross list courses between departments/colleges, there should be two cover sheets submitted with the proposal – one by the chair of each department with signatures from the relevant College Curriculum Committee Chair.

Effective Date: FALL Semester, Year _Fall 2015____

<table>
<thead>
<tr>
<th>Current Catalog Entry</th>
<th>Proposed Catalog Entry</th>
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<tr>
<td>425 – Parallel Computing (3): Prerequisite: CPSC 230. This course provides an introduction to parallel computing, covering topics including parallel Architectures, programming techniques and libraries, the study of existing parallel computing systems, and performance analysis. Students will use a variety of hardware to explore current libraries and methods used for parallel programming and complete a project</td>
<td>425 – Parallel Computing (3): Prerequisite: CPSC 340. This course provides an introduction to parallel computing, covering topics including parallel architectures, programming techniques and libraries, the study of existing parallel computing systems, and performance analysis. Students will use a variety of hardware to explore current libraries and methods used for parallel programming.</td>
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JUSTIFICATION (including impact on majors, minors, concentrations, and general education courses within the University curriculum; attach additional pages if required)

The change in pre-requisite is from CPSC 230 to CPSC 340. This is needed as the CPSC 230 course has been replaced with CPSC 340. The same material is needed for CPSC 425, this is simply updating the catalog in light of the other change.

The change in description removes the capitalization of “Architectures” and removes the phrase “and complete a project using the material they learn” which is unnecessary, and students may complete multiple projects.

TRANSITION PLAN (describe how will students who are in Catalogs where the course is required for a major be accommodated; attach additional pages if required)

Students need a course in data structures to take CPSC 425. As long as a student has one of 230 or 340 they will be able to take 425.
Expedited course changes are posted for a 10-class day comment period. If no comments are raised during that time, the proposal becomes final. All expedited proposals approved in this way will be noted on the UCC web site.

If comments are raised, the proposal may be reviewed by the UCC and then approved or it may be returned to the CCC for additional deliberation (as required).