Submitted by: Jennifer A. Polack  
Date Prepared: 10/28/2014

Department/Discipline(s) and Course Number(s): CPSC 305

Course Title: Computer Systems and Architecture

Type of change (check all applicable):

Number* _____ Title_____ Credits_____ Description____ 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 2015

<table>
<thead>
<tr>
<th>Current Catalog Entry</th>
<th>Proposed Catalog Entry</th>
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<tr>
<td>305- Computer Systems and Architecture (4): Prerequisites: (1) CPSC 125 or MATH 201, and (2) CPSC 230. This course examines the basic operation of computing systems. It takes a bottom-up approach covering each major component of such systems including hardware, logic circuit design, CPU instruction sets, assemblers, and compilers. Students will gain experience programming in assembly language and C.</td>
<td>305- Computer Systems and Architecture (4): Prerequisites: (1) CPSC 220 and CPSC 225 or (2) CPSC 230. This course examines the basic operation of computing systems. It takes a bottom-up approach covering each major component of such systems including hardware, logic circuit design, CPU instruction sets, assemblers, and compilers. Students will gain experience programming in assembly language and C.</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)

With the overall changes in the major we believe that CPSC 305 can be taught earlier with fewer pre-requisites. The mathematics content required in CPSC 305 is minimal and will be covered within the course without sacrificing other content. CPSC 220 and CPSC 225 will provide the proper exposure to programming concepts required for the CPSC 305 course.

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)

Expedited Course Change Cover Sheet (July 2014)
An additional section will be offered in the initial year to accommodate people coming out of CPSC 220 (new pre-req) and CPSC 230 (previous pre-req).

Approvals

Jennifer Polack
Department Chair
Date: 

Dawn Bowen
College Curriculum Chair

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).