Expedited Course Change Cover Sheet (July 2013)

UNIVERSITY OF MARY WASHINGTON – EXPEDITED COURSE CHANGE PROPOSAL

Submit this form electronically, beginning with the first required level of review (department or college level). Each level of review passes the form and any attachments to the next level when the action is approved.

Submitted by: Ian Finlayson
Date Prepared: August 26th 2013

Department/Discipline and Course Number: Computer Science 220

Course Title: Computer Science I

Type of change (check all applicable):
Course Number* _____ Title X _____ Credits _____ Description _____ Prerequisites X _____ Deletion _____

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

Effective Date: FALL Semester, Year 2014

<table>
<thead>
<tr>
<th>Current Catalog Entry</th>
<th>Proposed Catalog Entry</th>
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<tbody>
<tr>
<td>220 – Computer Science I (4)</td>
<td>220 – Computer Programming and Problem Solving (4)</td>
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<tr>
<td>Prerequisite: CPSC 110 or permission of instructor. Continued coverage of disciplined problem-solving and algorithmic development including emphasis on procedural and data abstraction. Topics include elementary data structures such as arrays, files, and classes. The notions of data modeling and the linking of data type definitions with their associated operations is introduced. Study of program design, coding, debugging, testing, and documentation in a higher level language that supports the object-oriented paradigm. Intended for students who have had previous programming experience.</td>
<td>Prerequisite: CPSC 109 or CPSC 110 or permission of instructor. Continued coverage of disciplined problem-solving and algorithmic development including emphasis on procedural and data abstraction. Topics include elementary data structures such as arrays, files, and classes. The notions of data modeling and the linking of data type definitions with their associated operations is introduced. Study of program design, coding, debugging, testing, and documentation in a higher level language that supports the object-oriented paradigm. Intended for students who have had previous programming experience.</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)

There are new changes being proposed. The first is a change from the name “Computer Science I” to “Computer Programming and Problem Solving”. The new name is more descriptive of the actual content of the class.

The second change is to allow CPSC 109 to be used as a prerequisite. This is a new course which also fulfills the role of preparing students for CPSC 220.

These changes will have minimal impact on majors and minors as CPSC 110 is still a valid prerequisite for this 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)

As we are only adding a new course that will be accepted as a prerequisite, there is no need for special accommodations for students admitted under previous catalogs.
Expediting 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).