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 25, 2017
Department/Discipline(s) and Course Number(s): CPSC 240	
Course Title: Object-oriented Analysis and Design	

Type of change (*check all applicable*):
Number* _____ Title_____ Description__X__ Prerequisites ____ 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 ___2018_____________________________

Current Catalog Entry	**Proposed Catalog Entry** (suggested length – less than 50 words)
240 – Object-oriented Analysis and Design (4) Prerequisite: CPSC 220 (grade of C or better). Theory and practice of the object-oriented software development paradigm. Focus is on major design principles such as abstraction, encapsulation, inheritance, polymorphism, aggregation, and visibility. Modeling notations for capturing and critiquing designs. Introduction to the concept of design patterns, and coverage of a catalog of common patterns. Students work in team projects to develop collaborative software solutions in an object-oriented language.	240 – Object-oriented Analysis and Design (4) Prerequisite: CPSC 220 (grade of C or better). Theory and practice of the object-oriented software development paradigm including abstraction, encapsulation, inheritance, polymorphism, aggregation, visibility, modeling notations, and design patterns. Also covers issues in collaborative software development including communication, code sharing, diversity, and inclusion. Students work in teams to develop collaborative software solutions in an object-oriented language.

JUSTIFICATION *(including impact on majors, minors, concentrations, and general education courses within the University curriculum; attach additional pages if required).* **Any change that impacts another Department must have a written statement (such as a copy of an email) from the Chair(s) agreeing to the change.**

The description of this course has been changed to specifically mention “ issues in collaborative software development including communication, code sharing, diversity and inclusion”. This has become a more important part of the course, especially as our department strives to address diversity issues in the field of computer science, as well as to more deeply adopt the UMW value of inclusion for all. The entry has also been edited for length.

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)*

This course description change does not require a transition plan.

__Approvals__

Department Chair__Stephen Davies__ **Date:** 08/28/17

College Curriculum Chair________________ **Date:** 09/07/17

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).