

# 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 284	
Course Title: Applied Discrete Mathematics	

Type of change (check all applicable):

Number\* \_\_\_\_\_ Title \_\_\_\_\_ Description \_\_\_\_\_ 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)
284 – Applied Discrete Mathematics (4) Prerequisites: CPSC 110 or 219 or successful completion of the UMW computer science placement exam. Designed to prepare beginning Computer Science majors for advanced study by emphasizing the components of Discrete Mathematics especially related to Computer Science. Topics include number systems, logic, methods of proof, counting techniques, mathematical induction, sets, relations, functions, vectors, matrices, graphs, and trees.	284 – Applied Discrete Mathematics (4) Prerequisites: CPSC 110, 219, or 220; or successful completion of the UMW computer science placement exam. Designed to prepare beginning Computer Science majors for advanced study by emphasizing the components of Discrete Mathematics especially related to Computer Science. Topics include number systems, logic, methods of proof, counting techniques, mathematical induction, sets, relations, functions, vectors, matrices, graphs, and trees.

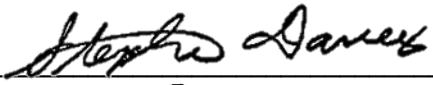
**JUSTIFICATION** (including impact on majors, minors, concentrations, and general education courses within the University curriculum; attach additional pages if required). **Any change that impacts another Department must have a written statement (such as a copy of an email) from the Chair(s) agreeing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


Many computer science students have the CPSC 110 course waived if they have sufficient prior programming experience. For this reason, they are able to take CPSC 220 without having had CPSC 110. Because 284 currently requires 110, these students need extra paperwork in order to take 284 because 110 has been waived for them, but it does not appear on their transcript. By allowing 220 as an alternative prerequisite to 284, we will allow students who have had 110 waived, and taken 220, to register for the course directly.

**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 change does not restrict current or future students in taking this course, so no transition plan is needed.

## Approvals

Department Chair  Date: 08/28/2017

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).

Expedited Course Change Cover Sheet (December 2015)