

UMBC UGC Instructions for Change in Existing Course Form

Course number & title: Enter the current course number and title of the course at the top of the page.

Date submitted: The date that the form will be submitted to the UGC.

Effective date: The semester that the change will be effective, if approved.

Contact information: Provide the contact information of the chair of the department housing the course. If the course is not housed in a department or program, then provide the same information for the head of the appropriate academic unit. (See UGC Procedures.) If another faculty member should also be contacted for questions about the request and be notified about UGC actions on the request, include that person's contact information on the second line.

Course information: Provide all of the current information for this course. Check the "change" column for aspects of the course that will be changed by this proposal and provide the specific changes. Unchanged fields may be left blank under the "proposed" column. *Note: all 300- and 400-level courses must have prerequisites.*

Course number: For cross-listed courses, provide all the numbers for the new course.

Transcript title: Limited to 24 characters, including spaces. Leave the current transcript title blank if this is not known.

Maximum repeatable credits: Enter 0 for courses that may not be repeated for credit. For courses that may be repeated for credit, enter the maximum total number of credits a student can receive from this course. E.g., enter 6 credits for a 3 credit course that may be taken a second time for credit, but not for a third time. Please note that this does NOT refer to how many times a class may be retaken for a higher grade.

Grading method(s): Check all that apply.

Current catalog description: Provide the course description as it appears in the current undergraduate catalog or since the last UGC-approved change.

Proposed catalog description: Check the appropriate boxes to indicate if this proposal involves a change in the course description and/or prerequisite. Provide the exact wording of the course description as it will appear in the next undergraduate catalog. Course proposals should be a) no longer than 75 words, b) stated in complete sentences, and c) avoid reference to specific details that may not always pertain (e.g., dates, events, etc.). Leave blank and check "no changes" if this proposal does not change the course description.

Rationale: Provide a brief explanation for the need for the proposed changes.

Cross-listed courses: Requests to change cross-listed courses must be accompanied by letters of support via email from all involved department chairs. Proposals for the addition of a cross-listing to an existing course must include as a part of the rationale the specific reason why cross-listing is appropriate. Email from all involved department chairs is also required when cross-listing is removed and when a cross-listed course is discontinued. Please note that Special Topics cannot be cross-listed.

Note: the UGC form is a Microsoft Word form. You should be able to enter most of the information by tabbing through the fields. The document is protected. In the rare case that you need to unprotect the document, use the password 'ugcform'. Beware that you will lose all the data entered in the form's fields if you unlock and lock the document.

UMBC UGC Change in Existing Course: CMPE450 Capstone I

Date Submitted: 10/6/2020

Proposed Effective Date: Registration for Fall 2021

	name	email	Phone	dept
Dept Chair	Anupam Joshi	joshi@umbc.edu	5-2590	CSEE
Contact	Ryan Robucci	robucci@umbc.edu	5-3549	CSEE

COURSE INFORMATION:

change		current	proposed
<input type="checkbox"/>	Course Number(s)	450	450
<input type="checkbox"/>	Formal Title	Capstone I	
<input type="checkbox"/>	Transcript Title (≤24c)		
<input type="checkbox"/>	Recommended Course Preparation		
Y <input checked="" type="checkbox"/>	Prerequisite	You must complete CMPE 314, CMPE 349, and CMSC341. CMPE311 must be completed or taken simultaneously with CMPE450. In addition, at least one of CMPE315, CMPE323, CMPE320, CMPE330, or CMPE415 must be completed or taken simultaneously with CMPE450. A grade of C or better is required in all prerequisite courses.	You must complete CMPE 314, CMPE 349, CMSC341, and at least one of the following: CMPE 315, CMPE 320, CMPE 323, CMPE 330, CMPE 415. A grade of C or better is required in all prerequisite classes before registering for Capstone I. In addition, you must either have completed CMPE311 with a grade of C or better or be concurrently enrolled in CMPE311.
<input type="checkbox"/>	Credits		
<input type="checkbox"/>	Repeatable?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/>	Max. Total Credits		
<input type="checkbox"/>	If yes, how many total credits?		
<input type="checkbox"/>	Grading Method(s)	<input type="checkbox"/> Reg (A-F) <input type="checkbox"/> Audit <input type="checkbox"/> Pass-Fail	<input type="checkbox"/> Reg (A-F) <input type="checkbox"/> Audit <input type="checkbox"/> Pass-Fail

CURRENT CATALOG DESCRIPTION:

This is the first half of a two-semester capstone experience, taken in consecutive Fall and Spring semesters. Students to engage in a complete project design experience over two semesters, integrating the technical concepts learned in prior courses. Entrepreneurship, team leadership and project management skills are emphasized. Students function in a classroom environment that closely simulates professional and entrepreneurial practice including budgetary, time, technical and sometimes social, ethical and environmental constraints.

PROPOSED CATALOG DESCRIPTION: no changes change in description

RATIONALE FOR CHANGE

The proposed change readopts the earlier (pre 2016) version of the prerequisites for Capstone I with one change. The intended purpose of the 2016 changes was a "slight easing" in Capstone I requirements to allow a corequisite in certain circumstances facilitate timely progress by transfer students under advisement from the UPD, while students have been otherwise instructed and advised according to language consistent with the newly presented language regarding required prerequisites. Rather than achieving this intended purpose, the changes approved in 2016 have instead increased the confusion of students, faculty, and advisors regarding the actual prerequisite requirements. In approving the current wording, the Undergraduate Program Committee believes that the inclusion of CMPE 320 in the prerequisite list (also approved in 2016), accomplishes the goal of the earlier change without the additional confusion. Situations warranting exceptions, which have been few, can be reviewed on a case-by-case basis by the UPD and Computer Engineering Undergraduate Program Committee.

There are no changes to the catalog description.

This change was approved by Computer Engineering Undergraduate Program Committee, September 30, 2020.