

UMBC UGC Change in Existing Course: CMSC201 – Computer Science I

Date Submitted: 3/12/2020

Proposed Effective Date: 8/23/2020

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COURSE INFORMATION: (please provide all information in the “current” column, and only the information changing in the “proposed” column)

change		current	proposed
<input type="checkbox"/>	Course Number(s)	CMSC 201	
<input type="checkbox"/>	Formal Title	Computer Science I	
<input type="checkbox"/>	Transcript Title (≤30c)		
<input type="checkbox"/>	Recommended Course Preparation		
<input checked="" type="checkbox"/>	Prerequisite NOTE: Unless otherwise indicated, a prerequisite is assumed to be passed with a “D” or better.	You must have completed MATH 150 or MATH 151 or MATH 152 with a C or better, or have MATH test placement into MATH 151 .	You must have completed MATH 150 or MATH 151 or MATH 152 or <u>MATH 155</u> with a C or better, or have MATH test placement into MATH 151 .
<input type="checkbox"/>	# of Credits Must adhere to the UMBC Credit Hour Policy	4	
<input type="checkbox"/>	Repeatable?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/>	Max. Total Credits	4	Max. Total Credits: This should be equal to the number of credits for courses that cannot 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.
<input type="checkbox"/>	Grading Method(s)	<input checked="" type="checkbox"/> Reg (A-F) <input checked="" type="checkbox"/> Audit <input checked="" type="checkbox"/> Pass-Fail	<input type="checkbox"/> Reg (A-F) <input type="checkbox"/> Audit <input type="checkbox"/> Pass-Fail

CURRENT CATALOG DESCRIPTION:

An introduction to computer science through problem solving and computer programming. Programming techniques covered by this course include modularity, abstraction, top-down design, specifications documentation, debugging and testing. The core material for this course includes control structures, functions, lists, strings, abstract data types, file I/O, and recursion.

PROPOSED CATALOG DESCRIPTION (Approximately 75 words in length. Please use full sentences): leave blank if no changes are being proposed to the catalog description. NOTE: information about prerequisites should NOT appear in the catalog description.)

RATIONALE FOR CHANGE:

As we progress with the Computing minor, students from other majors may have completed MATH 155 instead of MATH 150, MATH 151, or MATH 152. As such, we would like to encourage students with MATH 155 to be able to complete the Computing minor without having to take all the required math courses for computer science majors.