

**UMBC UGC Change in Existing Course: IS 450 Data Communications and Networks**

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Proposed Effective Date: Fall 2010

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**COURSE INFORMATION:**

change		current	proposed
<input type="checkbox"/>	course number(s)		
<input type="checkbox"/>	formal title		
<input type="checkbox"/>	transcript title (≤24c)		
<input checked="" type="checkbox"/>	prerequisite	IS BS Gateway	IS BS Gateway plus Math 215 or 221
<input type="checkbox"/>	credits		
<input type="checkbox"/>	max. repeat 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 an introductory survey course in data communications and networking. It surveys basic theory and technology of computer networking. A single networking protocol stack is also covered in depth.

**PROPOSED CATALOG DESCRIPTION:**    no changes    change in description

**RATIONALE FOR CHANGE:**

Math 215 is required for all IS BS students. (Math 221 is an accepted alternative.) We routinely teach material in IS 450 that assumes a knowledge of the concepts included in the Math 215/221 courses and have been advising students to do their Math prior to attempting the IS 450 class. We would like to take advantage of the prerequisite checking in SA to make sure that students have the math needed to be successful in IS 450 and later in the follow up IS 451.