

UMBC UGC Change in Existing Course: IS 350 Business Communications Systems

Date Submitted: October 5 2009

Proposed Effective Date: Fall 2010

	name	email	phone	dept
dept chair	Sears, Andrew	asears@umbc.edu	x53206	IS
contact	Redding, Tate	redding@umbc.edu	x53942	IS

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 300	IS 300 plus Math 155
<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:

A survey of business data communications for end users of computer networks. Students will gain a basic understanding of the features, operations and limitations of different types of communications and network systems. Topics covered include: fundamentals of data and signals, telecommunications systems, wired and wireless media, error control, local area networks, wide area networks, the internet and network security. This course will provide the student the knowledge and ability to interact with the system professional administering these areas.

PROPOSED CATALOG DESCRIPTION: no changes change in description

RATIONALE FOR CHANGE:

Math 155 is required for all BTA BA students. We routinely teach material in IS 350 that assumes a certain mathematical maturity and have been advising students to do their Math prior to attempting the IS 350 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 350 and not wait until their senior year to try to revisit their 1xx level Math requirement.