

**LUMPKIN COLLEGE OF BUSINESS AND
APPLIED SCIENCES
EASTERN ILLINOIS UNIVERSITY**

EA-LCBAS-17-52 Effective Fall 2018

TO: Council on Graduate Studies
FROM: Mahyar Izadi, Dean
SUBJECT: EXECUTIVE ACTION
DATE: November 9, 2017

Effective: Spring 2018

Add TEC 5313 as an alternate prerequisite for MIS 4850 and MIS 4860.

Request from Dr. Smith attached.

cc

Denise Smith, Interim Chair, School of Business
Melody Wollan, Associate Chair, School of Business

**LUMPKIN COLLEGE OF BUSINESS AND APPLIED SCIENCES
EXECUTIVE ACTION REQUEST**

TO: Dr. Mahyar Izadi, Dean, LCBAS
Dr. Jerry Cloward, LCBAS Curriculum Committee Chair

FROM: Dr. Denise Smith, Interim Chair, School of Business

DATE: November 2, 2017

ACTION REQUESTED:

The MIS/OM faculty, the School of Business Graduate Committee, and the interdisciplinary MS in Cybersecurity Committee, with the support of the School of Business Curriculum Committee request:

Adding TEC 5313 (Networking and Advanced Data Communications) as a prerequisite for MIS 4850 and MIS 4860.

Current:

MIS 4850 requires BUS 3500 or ACC 3900 as a course prerequisite. MIS 4860 requires BUS 3500 with C or better as a course prerequisite.

Proposed (see next page for exhibits):

Add: “or TEC 5313 for students enrolled in the MS in Cybersecurity program”

RATIONALE:

- 1) MIS 4850 is an elective in the BSB in Management Information Systems degree. In alignment with other MIS courses, required and elective, BUS 3500 is a foundational course that serves as a prerequisite.
- 2) MIS 4850 and MIS 4860 have been included as required courses in the MS in Cybersecurity program. Students in that program may have an MIS undergraduate degree and have an equivalent course to BUS 3500, but each transcript would need to be evaluated for each student to enroll in MIS 4850 and MIS 4860 and would require separate waivers for the prerequisite approval.
- 3) All MS in Cybersecurity students will be enrolled and complete TEC 5313, a course designed as a foundational-entry course to the Cybersecurity program, and faculty from Cybersecurity and the School of Business MIS discipline have agreed that TEC 5313 would be a sufficient prerequisite for MIS 4850 and MIS 4860.

EFFECTIVE DATE:

Spring 2018

CURRENT TEXT IN CATALOG with PROPOSED TEXT IN CATALOG (in red)

MIS 4850 - Systems Security.

(3-0-3) On Demand. Study of theories, principles and techniques of information systems security. The course covers basic security concepts, communications security, infrastructure security, cryptography, as well as operational and organizational security. **Prerequisites & Notes:** Junior, Senior or Graduate standing, BUS 3500 or ACC 3900 or TEC 5313 for students enrolled in the MS in Cybersecurity degree program, or permission of the Associate Chair, School of Business. Credits: 3

MIS 4860 - Ethical Hacking and Network Defense.

(3-0-3) On Demand. Study of the techniques and the methods of ethical hacking, security testing, and network defense. Students gain experience with the tools and techniques used by security professionals in order to locate and fix vulnerabilities in companies' network defenses. **Prerequisites & Notes:** BUS 3500 with a grade of "C" or better or TEC 5313 for students enrolled in the MS in Cybersecurity degree program, or permission of the Associate Chair. Credits: 3