LUMPKIN COLLEGE OF BUSINESS AND TECHNOLOGY
EASTERN ILLINOIS UNIVERSITY

TO: **Council on Graduate Studies**

FROM: **Bill Minnis, Interim Dean**

SUBJECT: **EXECUTIVE ACTION**

DATE: **February 21, 2019**

ACTION REQUESTED:

Change prerequisites:
MIS/CIT 4760 – System Analysis Design and Development
MIS/CIT 4770 – Database and Data Management

EFFECTIVE DATE: Fall 2019

Request from Dr. Smith attached.

Lumpkin College of Business and Technology Executive Action Request

TO: **Interim Dean, LCBT, William Minnis**
FROM: **Interim Chair/Associate Dean, School of Business, Denise Smith**
DATE: **February 21, 2019**

ACTION REQUESTED:

To modify the prerequisites for the new MIS/CIT 4760 (System Analysis Design and Development) class and the new MIS/CIT 4770 (Database and Data Management) class in the MIS/OM discipline of the School of Business so that CIT majors in the School of Technology can take these MIS classes that are applicable and part of the core in their revised computer information technology degree program. The course coordinator of the CIT program suggested the new CIT prerequisites for MIS classes modified by this executive action.

RATIONALE:

The School of Technology has proposed a CIT program revision that includes several MIS courses as core or elective classes for their CIT majors. Thus, the MIS/OM discipline is modifying the prerequisites for two recently approved MIS classes to include appropriate CIT courses.

EFFECTIVE DATE: (i.e.: Fall 20XX, Spring 20XX): Fall 2019

APPROVED COURSES: CATALOG COPY:

CIT/MIS 4760 System Analysis Design & Development

(3-0-3) On Demand. Study of information systems analysis and design. This course emphasizes requirements determination, modeling techniques, development, implementation, and maintenance strategies. Includes project management techniques and the use of Computer Aided Systems Engineering (CASE) tools.

Prerequisites & Notes:
MIS 2000 and BUS 3500, or CSM 3870, or CIT 1813 and AET 4163, or permission of the Associate Chair, School of Business.

Credits: 3

CIT/MIS 4770 Database and Data Management

(3-0-3) F, On Demand. A study of database structures, design, and development. Includes the

use of CASE tools and enterprise database management systems. Topics include: data normalization, data definition language, data manipulation language, data integrity, database applications development, and data mining.

Prerequisites & Notes:
BUS 3500, or AET 4163, or CSM 3870 or permission of the Associate Chair, School of Business.

Credits: 3

PROPOSED CATALOG COPY:

CIT/MIS 4760 System Analysis Design & Development

(3-0-3) On Demand. Study of information systems analysis and design. This course emphasizes requirements determination, modeling techniques, development, implementation, and maintenance strategies. Includes project management techniques and the use of Computer Aided Systems Engineering (CASE) tools.

Prerequisites & Notes:
Junior, Senior or Graduate standing, MIS 2000 with a C or better and BUS 3500 with a C or better, or CSM 3870, or CSM 2670 and CIT 2773 (AET 4163), or permission of the Associate Chair, School of Business.

Credits: 3

CIT/MIS 4770 Database and Data Management

(3-0-3) F, On Demand. A study of database structures, design, and development. Includes the use of CASE tools and enterprise database management systems. Topics include: data normalization, data definition language, data manipulation language, data integrity, database applications development, and data mining.

Prerequisites & Notes:
Junior, Senior or Graduate standing, BUS 3500 with a C or better, or CIT 2773 (AET 4163) , or CSM 3870 or permission of the Associate Chair, School of Business.