

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

TO: Council on Graduate Studies

FROM: Diane Hoadley, Dean

SUBJECT: EXECUTIVE ACTION REVISION

DATE: October 13, 2009

The School of Technology recently approved the following curriculum proposals which I support:

Proposals for Prerequisite Changes for the following courses:

INT 4803, Plant Layout and Material Handling
INT 4833, Automatic Identification and Data Capture
INT 4943, Manufacturing Management

Please see attached documents; per CAA's request, rationales have been added to each executive action request – all effective Spring 2010

This document replaces the earlier September 23, 2009 executive action request submitted to CGS.

Att.

c. M. Izadi, Chair, School of Technology
D. Woodley, Assistant Chair, School of Technology

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

TO: Mary Hennig, Certification Officer

FROM: Dr. Mahyar Izadi

DATE: 09/23/09

ACTION REQUESTED:

Change in prerequisites for INT 4803

EFFECTIVE DATE: (i.e.: Fall 20XX, Spring 20XX): Spring 2010

CURRENT CATALOG COPY:

INT 4803 - Plant Layout and Material Handling.

(3-0-3) F. Study of the arrangement of physical facilities and material handling to optimize the interrelationships among operating personnel, material flow, and the methods required in achieving enterprise objectives efficiently, economically, and safely.

Prerequisites & Notes:
INT 2043 and INT 1263.

Credits: 3

PROPOSED CATALOG COPY:

INT 4803 - Plant Layout and Material Handling.

(3-0-3) F. Study of the arrangement of physical facilities and material handling to optimize the interrelationships among operating personnel, material flow, and the methods required in achieving enterprise objectives efficiently, economically, and safely.

Prerequisites & Notes:
INT 1323, INT 2043, and MAT 2120G or 1441G.

Credits: 3

Rationale: These changes reflect updates to the Industrial Technology core.

<http://www.eiu.edu/~eiucaa/CAABylaws.pdf>

Approved by LCBAS Administrative Council 3/25/09

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

TO: Mary Hennig, Certification Officer

FROM: Dr. Mahyar Izadi

DATE: 09/23/09

ACTION REQUESTED:

Change in prerequisites for INT 4833

EFFECTIVE DATE: (i.e.: Fall 20XX, Spring 20XX): Spring 2010

CURRENT CATALOG COPY:

INT 4833 - Automatic Identification and Data Capture.

(2-2-3) F, S. A study of the methods and systems used to automatically identify objects. Various forms of keyless data entry and capture through class and lab experience will be studied; bar coding, scanning, radio frequency identification (RFID), voice data entry, vision, biometrics, and other systems.

Prerequisites & Notes:

INT 2324 Electronic Control Systems or equivalent.

Credits: 3

PROPOSED CATALOG COPY:

INT 4833 - Automatic Identification and Data Capture.

(2-2-3) F, S. A study of the methods and systems used to automatically identify objects. Various forms of keyless data entry and capture through class and lab experience will be studied; bar coding, scanning, radio frequency identification (RFID), voice data entry, vision, biometrics, and other systems.

Prerequisites & Notes:

None.

Credits: 3

Rationale: The skills needed from INT 2324 are minimal and the new RFID devices do not require extensive knowledge that INT 2324 provides for students to understand, work with, and incorporate into AIDC systems.

<http://www.eiu.edu/~eiucba/CAABylaws.pdf>

Approved by LCBAS Administrative Council 3/25/09

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

TO: Mary Hennig, Certification Officer

FROM: Dr. Mahyar Izadi

DATE: 09/23/09

ACTION REQUESTED:

Change in prerequisites for INT 4943

EFFECTIVE DATE: (i.e.: Fall 20XX, Spring 20XX): Spring 2010

CURRENT CATALOG COPY:

INT 4943 - Manufacturing Management.

(3-0-3) F, S. Survey of technical management areas in a manufacturing operation. This course will include but not be limited to a study of production control methods, plant layout, scheduling, inventory control, and other phases of planning, organizing, and controlling a manufacturing operation.

Prerequisites & Notes:

BUS 3010 and either MAT 2110G or 1441G or permission of the instructor. WI

Credits: 3

PROPOSED CATALOG COPY:

INT 4943 - Manufacturing Management.

(3-0-3) F, S. Survey of technical management areas in a manufacturing operation. This course will include but not be limited to a study of production control methods, plant layout, scheduling, inventory control, and other phases of planning, organizing, and controlling a manufacturing operation.

Prerequisites & Notes:

INT 1323, MAT 2120G or 1441G, and either BUS 2810 or MAT 2250G. WI

Credits: 3

Rationale: These changes reflect updates to the Industrial Technology core.

<http://www.eiu.edu/~eiucba/CAABylaws.pdf>

Approved by LCBAS Administrative Council 3/25/09