

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

TO: Council on Graduate Studies
FROM: Mahyar Izadi, Dean
SUBJECT: EXECUTIVE ACTION
DATE: July 20, 2017

Effective: Fall 2018

Please rescind previous request for prefix changes on:

AET 4753 – Lean Manufacturing
AET 4823 – Facility Security
AET 4843 – Statistical Quality Assurance
AET 4943 – Manufacturing Management
AET 4970 – Special Topics in Technology

Revised executive action request attached.

cc

Austin Cheney, Chair, School of Technology

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

TO: AMY ANNIS, Certification Officer

FROM: Austin Cheney, SoT Chair

DATE: 07/20/17

REVISED ACTIONS REQUESTED:

1. Change in title, and change in semester offered for AET 4843
2. Change prerequisite for AET 4943.

RATIONALE:

The changes are required to accommodate the creation of a B.S. in Engineering Technology that is planned to begin fall 2018.

EFFECTIVE DATE: FALL 2018

CURRENT CATALOG COPY:

1. AET 4843 - Statistical Quality Assurance.
(3-0-3) F, S. Principles of total quality control; Shewhart control charts; acceptance sampling; capability and reliability studies.

Prerequisites & Notes:
AET 1323 and BUS 2810 or MAT 2250G.

Credits: 3
2. AET 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:
AET 1323 and MAT 2120G or 1441G. WI

Credits: 3

PROPOSED CATALOG COPY:

1. AET 4843 - **Statistical Quality and Reliability.**
(3-0-3) **S.** Principles of total quality control; Shewhart control charts; acceptance sampling; capability and reliability studies.

Prerequisites & Notes:

AET 1323 and BUS 2810 or MAT 2250G.

Credits: 3

2. AET 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:

EGT 1303, EGT 2424, and AET 4753. WI

Credits: 3