

EDINBORO UNIVERSITY OF PENNSYLVANIA

CURRICULUM REQUIREMENTS

Bachelor of Science

Major: Applied Technical Leadership - Industrial & Engineering Administration (0557)

Student: _____

ID#: @ _____

Term: _____

I. GENERAL EDUCATION (45 SH)

	SH	Grade	Date
A. Skills (13 SH)			
ENGL101 College Writing Skills	3	_____	_____
ENGL102 Writ/Research Skills	3	_____	_____
MATH107 Pre-Calculus	4	_____	_____
CSCI104 or discipline-specific computer competency course	3	_____	_____

B. Core (22 SH)

1 Artistic Expression (3 SH)			
2 World Civilizations (3 SH)			
3 American Civilizations (3 SH)			
4 Human Behavior (3 SH)			
5 Cult Div. & Social Plur (3 SH)			
6 Ethics (3 SH)			
7 Natural Science (4 SH)			
PHYS201 Physics I	4	_____	_____

C. Distribution (10 SH)

1 Humanities & Fine Arts (3 SH)			
ENGL370 or ENGL305	3	_____	_____
2 Soc & Behav Sciences (3 SH)			
ECON220 Princ of Microecon	3	_____	_____
3 Science & Math (4 SH)			
PHYS202 Physics II	4	_____	_____

II. BUSINESS/TECHNICAL LEADERSHIP (39 SH)

	SH	Grade	Date
ECON225 Macroeconomics	3	_____	_____
ACCT215 Principles of Accounting I	3	_____	_____
ACCT220 Principles of Accounting II	3	_____	_____
ACCT325 Managerial Accounting	3	_____	_____
FIN300 Principles of Finance	3	_____	_____
MGMT300 Principles of Management	3	_____	_____
MKTG300 Principles of Marketing	3	_____	_____
QUAN340 Statistics for Business/Econ	3	_____	_____
ENGR201 Engineering Graphics	3	_____	_____
MFGT105 Engineering Materials	3	_____	_____
MFGT201 Quality Control	3	_____	_____
MFGT225 Stats/Str. Of Material	3	_____	_____
STAT260 Elements of Statistics	3	_____	_____

III. APPLIED TECHNICAL FIELD TRAINING (22 SH)

	SH	Grade	Date
MFGT100 Manufacturing Processes	4	_____	_____
MFGT302 Computer Aided Drafting	3	_____	_____
MFGT311 Rapid Prototyping	3	_____	_____
MFGT315 Operational Plan. In Mfg	3	_____	_____
MFGT320 Cost Estimating	3	_____	_____
MFGT375 Computer Aided Manufacturing	3	_____	_____
MFGT420 Material Handling	3	_____	_____

A journeyman's certificate in a manufacturing trade OR an associate degree in engineering technology from an accredited institution will satisfy the specialization area.

IV. FREE ELECTIVES (14 SH)

Students are encouraged to expand their business education and should consult with their advisor regarding relevant coursework that may be used in this area. If further experience is needed in MFGT or technology background, the following course is recommended: MFGT495 Industrial and Engineering Administration Internship.

THIS IS NOT AN OFFICIAL TRANSCRIPT OF RECORD.

TOTAL (120 SH)

Note: At least 42 semester hours must consist of advanced coursework.

(Revised: April 2018; Approved: May 2018)

(Effective: Fall 2018)