

BOARD OF TRUSTEES OF THE NEBRASKA STATE COLLEGES
ITEMS FOR DISCUSSION AND ACTION\ACADEMIC AND PERSONNEL

ACTION: **Approve Comprehensive Major Exemption for the Industrial Technology Program at Wayne State College**

Per Policy 4140, which requires any exemptions for academic programs to be submitted to the Board for approval, Wayne State College is requesting an exemption to the number of credits required for a Comprehensive Major. Wayne State's Industrial Technology program is currently seeking accreditation through the Association of Technology, Management, and Applied Engineering (ATMAE). To meet the minimum ATMAE accreditation standards, the program will need to increase the total number of credit hours offered in the program by six (6) credit hours (three [3] credit hours in Mathematics, and three [3] credit hours in Physical Sciences), which results in a total of sixty three (63) credits for completion of the comprehensive major. This exceeds the current maximum number of credits allowed, which is fifty seven (57).

The System Office and Wayne State College recommend approval of the Policy 4140 Comprehensive Major Exemption for Industrial Technology Program at Wayne State College.

ATTACHMENTS:

- WSC NSCS 4140 Exemption for Industrial Technology Degree (PDF)

Wayne State College
Policy 4140 Comprehensive Major Exemption Proposal
Industrial Technology

1. Descriptive Information

- A. Name of Institution:
Wayne State College
- B. Name of Program:
Industrial Technology
- C. Administrative units for the program:
School of Business and Technology; Department of Technology and Applied Science

2. Exemption Request

Per Policy 4140, Wayne State College is requesting an exemption to the number of credits that can be required for a Comprehensive Major at the Undergraduate level. Currently, the definition establishes an allowable range of 48-57 credit hours. WSC requests that its Information Technology comprehensive major be allowed to require 63 credits, due to external accreditation requirements.

3. Current and Proposed Course Requirements for Academic Program

Bachelor of Science in Industrial Technology Core Curriculum Revisions	
Current Core Requirements (24)	Proposed Core Requirements (30)
ITE 111 Introduction to Safety	ITE 111 Introduction to Safety
ITE 114 Intro to Applied Engineering and Technology	ITE 114 Intro to Applied Engineering and Technology
ITE 202 Construction Systems	ITE 202 Construction Systems
ITE 205 Introduction to Manufacturing Technology	ITE 205 Introduction to Manufacturing Technology
ITE 214 Residential Drawing OR	ITE 214 Residential Drawing OR
ITE 219 Mechanical and Engineering Drafting	ITE 219 Mechanical and Engineering Drafting
BUS 208 Business Communications	BUS 208 Business Communications
BUS 471 Principles of Supervision	BUS 471 Principles of Supervision
CIS 477 Project Management	CIS 477 Project Management
	BIO 104 Environmental Concerns for General Studies
	MAT 118 College Math for Industrial Technology

The change in the Industrial Technology (ITE) core affects the following concentrations:

- ✓ Construction Management: 30 hours of core + 33 hours of concentration = 63 hours
- ✓ Drafting and Design: 30 hours of core + 33 hours of concentration = 63 hours
- ✓ Manufacturing Management: 30 hours of core + 33 hours of concentration = 63 hours
- ✓ Safety Management: 30 hours of core + 33 hours of concentration = 63 hours

4. Rationale for Exemption

The Industrial Technology program is currently seeking accreditation through ATMAE (Association of Technology, Management, and Applied Engineering). ATMAE requirements for accreditation include the following (based on the 2021 ATMAE Accreditation Handbook):

Baccalaureate Degree: Programs/options shall be a minimum of 120 semester hours and shall meet the following minimum/maximum foundation semester hour requirements:

<i>General Education (must include oral and written communications)</i>	<i>18-36 credits</i>
<i>Mathematics</i>	<i>6-18 credits</i>
<i>Physical Sciences*</i>	<i>6-18 credits</i>
<i>Management and/or Technical**</i>	<i>42-60 credits</i>
<i>Electives</i>	<i>0-18 credits</i>

**Life Sciences may be appropriate for selected programs of study.*

***Management courses should not exceed 24 hours.*

The current Wayne State College ITE curriculum includes 3 hours of Mathematics and 3 hours of Physical Sciences within the General Education curriculum. In order to comply with minimum ATMAE standards and ensure students fully complete program requirements, WSC is required to add an additional 3 hours of Mathematics and 3 hours of Physical Sciences to the ITE core.

5. Impact on Resources

Faculty and Staff Resources:

It is anticipated that one additional section per year of BIO 104 and one section of MAT 118 will be required. The addition of these two sections will be considered resource neutral.

The additional section of BIO 104 will be accounted for in a position restructuring plan within SHC. The section of MAT 118 will be accounted for in additional capacity in other General Education math courses.

Physical Facilities:

No impact is anticipated.

Instructional Equipment and Informational Resources:

No impact is anticipated.

Budget:

No budget impact is anticipated.