

# **Transfer Articulation Agreement for 2+2 BS Degree Industrial Technology- General Technology**

## **Memorandum of Cooperation Between Moorhead State University and Northwest Technical College**

### **1 Introduction**

Providing students with quality educational opportunities is a mission of both Moorhead State University and Northwest Technical College. The General Technology program emphasis, within the Industrial Technology BS degree, is designed to accommodate transfer of students who have earned an Associate of Applied Science degree, Associate of Science degree, or a technical diploma from an accredited institution in a field of study related to Industrial Technology. The core reason for this document is to establish a process to accommodate the transfer of the technically oriented credits, in the designated technical programs at Northwest Technical College to the BS degree in Industrial Technology-- General Technology at Moorhead State University.

### **2 Transfer Guidelines and Policies**

#### ***2.1 Credit Transfer-Articulated Programs:***

The evaluation and transfer of earned college credits shall be in full compliance with the

Minnesota State Colleges and Universities' Board of Trustees- Policy Section 3-1 and all other state and federal educational policies pertaining to undergraduate credit transfer. Current students and graduates, who have earned degrees or diplomas from Northwest Technical College, shall be eligible for credit evaluation under the terms of this agreement. Programs eligible for transfer under this articulation agreement are listed in section 3.1 of this document. The General Technology program (Industrial Technology BS Degree) allows for a transfer of technical credits and recognizes these courses as comprising a cohesive set, which constitute a technical area of expertise. MSU's transfer specialist will evaluate the transferring student's transcript and accept those courses approved for liberal arts transfer.

#### **2.1.1 Associate of Applied Science Degree Transfers:**

AAS degree graduates will generally transfer a minimum of 64 semester credit hours.

##### **2.1.1.1 Technical Program Area Credits:**

For those programs listed in this agreement, it is expected that a minimum of 30 technical area semester credits will be placed in the Industrial Technology--General Technology major as the technical specialty. Any remaining technical program area credits will transfer as a block to become general, or "free" elective credits, and will count toward the 128-semester credit hour graduation requirement.

##### **2.1.1.2 General Education-Liberal Arts Credits:**

MSU's transfer specialist: will evaluate the transferring student's transcript and accept those courses approved for liberal arts transfer.

##### **2.1.1.3 Other Transfer/Graduation Requirements:**

Each student graduating from Moorhead State University is expected to have completed at least one-third of his or her BS degree courses as upper-division courses. In addition, for Moorhead State University to grant the BS degree, a minimum of 30 semester credits must have been earned at MSU and all MSU applicable graduation requirements must be met.

### **2.1.2 Diploma Program Transfers:**

Diploma program graduates will generally transfer a minimum of 45 semester credits.

#### **2.1.2.1 Technical Program Area Credits:**

For those diploma programs listed in this agreement, it is expected that a minimum of 30 technical area semester credits will be placed in the Industrial Technology--General Technology major as the technical specialty. Remaining technical program area credits will transfer as a block to become general, or "free" elective credits, and will count toward the 128-semester credit hour graduation requirement.

#### **2.1.2.2 General Education-Liberal Arts Credits:**

MSU's transfer specialist will evaluate the transferring student's transcript and accept those courses approved for liberal arts transfer.

#### **2.1.2.3 Other Transfer/Graduation Requirements:**

Each student graduating from Moorhead State University is expected to have completed at least one-third of his or her BS degree courses as upper-division courses. In addition, for Moorhead State University to grant the BS degree, a minimum of 30 semester credits must have been earned at MSU and all MSU applicable graduation requirements must be met.

## **3 Articulated Programs, Timelines, and Signatures**

### **3.1 Articulated Programs:**

After reviewing the program materials, the Department of Technology faculty and the faculty of the listed programs agree that these programs meet the definition of Industrial Technology and are appropriate for transfer.

#### *Bemidji Campus*

- **Automotive**

Automotive Machining Technology	AAS, Diploma
Automotive Service Technology	AAS, Diploma
Heavy Equipment Operation and Maintenance	Diploma
  
- **Communications & Electronics**

Microcomputer & Network Technology	AAS
Technical Analyst	AAS

- **Construction**  
Carpentry AAS, Diploma

*Detroit Lakes Campus*

- **Automotive**  
Auto Body Collision Technology AAS, Diploma  
Automotive Service Technology AAS, Diploma  
Marine Engine Technology AAS, Diploma
- **Communications & Electronics**  
Biomedical Equipment Technology AAS, Diploma  
Microcomputer & Network  
Technology AAS  
Radiology Equipment Service  
Technology AAS, Diploma  
Technical Analyst
- **Construction**  
Architectural Technology AAS  
Civil Engineering Technology AAS  
Construction Electricity Diploma

*East Grand Forks Campus*

- **Automotive**  
Automotive Service Technology AAS, Diploma  
Diesel Equipment Technology AAS, Diploma
- **Communications & Electronics**  
Electronics Technology--  
Industrial Emphasis AAS, Diploma  
Microcomputer & Network  
Technology AAS
- **Construction**  
Carpentry AAS, Diploma

*Moorhead Campus*

- **Automotive**  
Automotive Service Technology AAS, Diploma  
Diesel Equipment Technology AAS, Diploma
- **Communications & Electronics**  
Computer Programming AAS, Diploma  
Electronics Technology AAS, Diploma

Electronics Technology-- Computer Systems Emphasis	AAS, Diploma
Mechanical CADD Design and Detailing	AAS, Diploma
Manufacturing Engineering Technology	AAS
Microcomputer & Network Technology	AAS

- **Construction**  
Carpentry AAS, Diploma  
Construction Electricity Diploma  
Construction Management AAS  
Refrigeration & Air Conditioning Diploma

*Wadena Campus*

- **Communications & Electronics**  
Electronics Technology AAS, Diploma  
Electronics Technology  
Computer Systems Emphasis AAS, Diploma  
Microcomputer & Network  
Technology AAS
- **Construction**  
Carpentry AAS, Diploma  
Construction Electricity Diploma  
Construction Electricity—  
Industrial Maintenance Emphasis Diploma
- **Manufacturing Technology**  
Heating, Sheet Metal & Air  
Conditioning Technology AAS, Diploma  
Telecommunications Engineering  
Technology AAS, Diploma  
Telecommunications Engineering  
Tech - Information Systems AAS, Diploma

**3.2 Articulation Agreement Review.**

The Vice President of Academic Affairs at Moorhead State University, or designee, and the Vice President at Northwest Technical College, or designee, shall periodically review this memorandum of understanding for articulated transfer. Additions or approved articulated programs will follow the same process as those approved initially. Programs may be added or deleted by mutual consent and initialing changes by CEOs of Moorhead State University and Northwest Technical College. The date of implementation will be considered the date signed by both CEO's.

**3.3 Signatures:**

\_\_\_\_Signature Present\_\_\_\_\_  
President

\_\_\_\_Signature Present\_\_\_\_\_  
President

\_\_\_\_March 30, 1999\_\_\_\_\_  
Date  
Moorhead State University

\_\_\_\_3-30-99\_\_\_\_\_  
Date  
Northwest Technical College