

**MEMORANDUM OF COOPERATION  
FOR TRANSFER ARTICULATION  
BETWEEN  
BISMARCK STATE COLLEGE AND LAKE SUPERIOR COLLEGE**

**INTRODUCTION**

Bismarck State College and Lake Superior College share a student centered approach to the delivery of collegiate level education. Bismarck State College is a recognized leader in the offering of Power Plant and Process Plant Technology. The college has demonstrated a leadership position in articulating the transfer of general education credits from Lake Superior College in fulfilling the graduation requirements of an AAS degree in Power Plant and Process Plant Technology. Lake Superior college has been a recognized institution of technical and transfer programs for nearly four decades. The College actively pursues partnerships with business, industry and other institutions of higher education. This memorandum of understanding is designed to expand upon these partnerships through facilitation of student access to postsecondary education.

This memorandum has been prepared to conform with recognized transfer principles, practices and policies of the North Dakota and Minnesota State Colleges and University systems.

**TERMS OF THE MEMORANDUM OF UNDERSTANDING**

**A. Admissions**

Lake Superior College students may be joint students with Bismarck State College for the purposes of transfer to the Power and Process plant programs. Students enrolling in the programs must satisfy the admissions requirements as published in the college catalog.

**B. Transfer of course work**

The evaluation criteria for course work shall be agreed upon in advance of course offering by and between the appropriate faculties of Bismarck State College and Lake Superior College. Transfer of successfully completed courses shall be by official transcript wherein a grade of C or better is recorded. Students who declare an AAS in Power or Process Plant Technology shall have their program planner approved by the Dean or Vice President of Instruction at Bismarck State College. Up to fifteen semester credits or the equivalent credits in general education selected from the attachment shall be considered for transfer. Other technical credits that are mutually agreed upon may be used for transfer purposes.

**TIME FRAME FOR THE MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding is subject to modification in accordance with changes in guidelines by either the North Dakota University System or Minnesota State Colleges and Universities System. In such instances, students currently enrolled in the Power or Process Plant Technology program shall be considered under the transfer policies contained in the college catalog at the time of admission.

This Memorandum of Understanding shall be reviewed annually by the Vice President of Instruction/Deans at Bismarck State College and Lake Superior College. Any modifications shall be mutually agreed upon for the signatures of the presiding CEO/Presidents of the colleges.

For Bismarck State College

\_\_\_\_\_/S/\_\_\_\_\_

President: Dr. Donna Thigpen

Date: \_\_\_9-17-96\_\_\_\_\_

For Lake Superior College

\_\_\_\_\_/S/\_\_\_\_\_

President: Dr. Harold P. Erickson

Date: \_\_\_9/10/96\_\_\_\_\_

Vocational Technical Program

<b>Process Plant Technolog</b>	<b>Cr</b>	<b>Gr</b>	<b>Sem</b>
List Prescribed Program Courses			
PPT 101 Plant Technology	3		
PPT 102 Basic Math	3		
PPT 103 Applied Math	2		
PPT 105 Safety	3		
PPT 106 Water Chemistry	2		
PPT 107 Mechanical Fund.	3		
PPT 108 Plant Systems	3		
PPT 109 Schematics & Design	3		
PPT 110 Power Principles	4		
PPT 113 Fuels & Combustion	2		
PPT 116 Boilers	4		
PPT 118 Turbines	1		
PPT 121 Refrigeration	1		
PRPT 231 Process Turbines and Diesels	1		
PRPT 233 Process Electrical	2		
PRPT 235 Hydrocarbon Chemistry	3		
PRPT 237 Distillation and Refinery Operations	4		
PRPT 239 Gas Conversion	3		
PRPT 241 Process Instrumentation	2		
PRPT 243 Process Instrumentation and Control	2		

It is the final responsibility of each student to meet the state requirements of the degree sought. If you have any questions, or doubts about your degree status, please contact the registrar.

Vocational Technical Program

<b>Power Plant Technology</b>	<b>Cr</b>	<b>Gr</b>	<b>Sem</b>
List Prescribed Program Courses			
PPT 101 Plant Technology	3		
PPT 102 Basic Math	3		
PPT 103 Applied Math	2		
PPT 105 Safety	3		
PPT 106 Water Chemistry	2		
PPT 107 Mechanical Fund.	3		
PPT 108 Plant Systems	3		
PPT 109 Schematics & Design	3		
PPT 110 Power Principles	4		
PPT 113 Fuels & Combustion	2		
PPT 116 Boilers	4		
PPT 118 Turbines	1		
PPT 121 Refrigeration	1		
PPT 230 Gas Turbines and Diesels	1		
PPT 232 Electrical Princ.	2		
PPT 234 Power Generation	2		
PPT 236 Electrical Systems	2		
PPT 238 Plant Protection	2		
PPT 240 Plant Instrumentation	4		
PPT 242 Plant Instrumentation and Control	4		

It is the final responsibility of each student to meet the state requirements of the degree sought. If you have any questions, or doubts about your degree status, please contact the registrar.

# Bismarck State College Articulation Agreement for:

Associate In Applied Science Power Plant Technology and Process Plant Technology

## General Education Requirements:

- 5 Communication 3 Semester Credits
  - English 101
  - Speech 101
  
- 5 Arts and Humanities 3 Semester Credits
  - Art 101, 102, 103
  - Music 110
  - English 213, 221
  - French 101, 102
  - Philosophy 125, 126
  - Spanish 101, 102
  - History 101, 102, 201, 202
  - Economics 105, 201, 202
  - Political Science 101
  - Psychology 101, 251
  - Sociology 101, 110, 122
  
- 12 Business, Math, Science and Technology  
7 Semester Credits
  - Science 101, 102, 103
  - Biology 109, 163, 164
  - Chemistry 101, 102
  - Geology 101, 102
  - Physics 202, 203
  - Business and Office Education 113, 114
  - Math 103, 105, 151, 197, 203
  - Computer Science 101, 145, 170, 225
  - Business Admin. 114, 215
  - Management 101, 102, 204
  - Accounting 102, 201
  
- 3 Enrichment 2 Semester Credits
  - Art
  - Co-op Education/Internship
  - English 299
  - Journalism
  - Music
  - Physical Education
  - Speech

In addition to the 25 semester credits in general education, students are required to take 35 credits in vocational-technical courses from the listings as appended.