

Articulation Agreement

North Dakota State University (Fargo, ND) and Bismarck State College (Bismarck, ND)

Year: **2004/2005** Program: **Industrial Engineering and Management**

The following information pertains to the 2004-2006 NDSU catalog.

Students completing the BSC courses below with a grade of C or above may transfer them to NDSU in fulfillment of the corresponding courses required for credit applied to the industrial engineering and management program. Students planning to transfer to NDSU are encouraged to have phone or email contact with an advisor from NDSU. Students may call the College of Engineering and Architecture at (701) 231-7494.

NDSU Courses			BSC Courses		
Communication Requirements					
COMM 110	Fundamentals of Public Speaking	3	COMM 110	Fundamentals of Public Speaking	3
ENGL 110	College Composition I	3	ENGL 110	College Composition I	3
ENGL 120	College Composition II	3	ENGL 120	College Composition II	3
Quantitative Reasoning Requirements					
MATH 165	Calculus I	4	MATH 165	Calculus I	4
MATH 166	Calculus II	4	MATH 166	Calculus II	4
			<i>(Quantitative Reasoning at BSC)</i>		
Science and Technology Requirements					
CHEM 121/L	General Chemistry I/Lab	3/1	CHEM 121/L	General Chemistry I/Lab	4/1
CHEM 122/L	General Chemistry I/Lab	3/1	CHEM 122/L	General Chemistry I/Lab	4/1
PHYS 252/L	University Physics II/Lab	4/1	PHYS 252/L	University Physics II/Lab	3/1
Humanities & Fine Arts Requirements					
Elective		6	*Elective		6
Social and Behavioral Sciences Requirements					
Elective		6	*Elective		6
Wellness Requirements					
Elective		2	*Elective		2
Global Perspectives Requirement **			3		
Cultural Diversity Requirement**					
			3		
Program Requirements					
ME 212	Fundamentals of Visual Communication for Engineers	3	ENGR 101	Graphical Communication	3
			-AND-		
ME 221	Engineering Mechanics I	3	CAD 211	Computer Aided Design I	3
ME 222	Engineering Mechanics II	3	ENGR 201	Statics	3
MATH 259	Multivariate Calculus	3	ENGR 202	Dynamics	3
MATH 266	Introduction to Differential Equations	3	MATH 265	Calculus III	4
EE 206	Circuit Analysis I	4	MATH 266	Introduction to Differential Equations	3
ME 223	Mechanics of Materials	3	EE 206/L	Circuit Analysis	3/1
CSCI 122	BASIC/Visual BASIC	3	ENGR 203	Mechanics of Materials	3
			CSCI 122	BASIC/Visual BASIC	3
			-OR-		
CSCI 160	Computer Science I	4	CSCI 160	Computer Science I	4

*Humanities & Fine Arts, Social & Behavioral Science, and Wellness electives may be fulfilled with any GERTA courses under the same category.

**The Cultural Diversity requirements may be fulfilled within other general education categories. Check with an advisor for courses that meet this requirement.