

**Memorandum of Understanding  
between  
North Dakota State University  
and  
Dickinson State University**

**COLLABORATIVE ENGINEERING PROGRAM**

**Purpose of the Agreement:** To define the terms and conditions of a renewed affiliation between North Dakota State University (hereinafter referred to as NDSU) and Dickinson State University (hereinafter referred to as DSU). The affiliation will provide a collaborative curriculum in the areas of agricultural, biosystems, civil, computer, construction, electrical, industrial, manufacturing and mechanical engineering as outlined in the attached articulation agreement.

**Terms and Conditions of the Agreement:**

NDSU agrees, by this Memorandum of Understanding, to collaborate with DSU in offering Engineering programs of study that will prepare students at DSU for transfer to NDSU so that they can complete the NDSU Bachelor of Science degree requirements in the relevant disciplines.

1. After successful completion of two years of collaboratively structured curriculum at DSU, students will be accepted for transfer to NDSU on the basis of the following guidelines:
  - a. Students are required to complete four semesters of prescribed undergraduate course work at DSU within a minimum Course Grade Point Average (CGPA). It is recommended that all applicants present at least a 2.0 GPA in all college course work to be considered for admission to NDSU. Required GPA by program of study:
    - Construction Engineering: 2.5 on a 4-point scale
    - Electrical and Computer Engineering: 2.3 on a 4-point scale
    - Mechanical Engineering: 2.8 on a 4-point scale
    - Students who do not meet the departmental GPA requirements for their intended major will be assigned to the "General Engineering" program until GPA requirements are met.
  - b. The equivalent grade of C or better must be earned in each course to be awarded transfer credit. Students who have not earned a C or higher in required coursework should consult with their DSU advisor to discuss retake options.
  - c. Students can be considered for transfer when all transfer guidelines are fulfilled.
  - d. Students must complete a minimum of 60 credit hours at NDSU to receive their degree.
2. NDSU is the degree granting institution in this collaborative program.
3. All courses offered in the DSU/NDSU Collaborative Engineering Program for the first two years of the program will be taken at DSU in accordance with the articulation agreement approved by both DSU and NDSU and attached to this document. Changes to the articulation agreement must be approved by both institutions. The articulation agreement will be reviewed as necessary for revision and change.

**Articulation Agreement**  
**Dickinson State University and North Dakota State University**  
**Agricultural & Biosystems Engineering, B.S. Degree**  
**Agricultural Engineering Concentration**

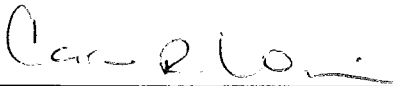
Dickinson State University	CR	North Dakota State University	CR
UNIV 100 Freshman Seminar	1	ABEN 189 Skills for Academic Success	1
ENGL 110 College Composition I	3	ENGL 110 College Composition I	3
ENGL 120 College Composition II	3	ENGL 120 College Composition II	3
ENGL 300 Technical Writing	3	Upper Division Writing (ENGL 321)	3
COMM 110 Fundamentals of Public Speaking	3	COMM 110 Fundamentals of Public Speaking	3
CHEM 121 General Chemistry I	4	CHEM 121 General Chemistry I	3
CHEM 121L General Chemistry I Lab	1	CHEM 121L General Chemistry I Lab	1
CHEM 122 General Chemistry II	4	CHEM 122 General Chemistry II	3
CHEM 122L General Chemistry II Lab	1	CHEM 122L General Chemistry II Lab	1
HPER 100 Concepts of Fitness and Wellness	2	HNES 100 (Wellness)	2
MATH 127 Matrix Fundamentals	2	MATH 128 Introduction to Linear Algebra	1
MATH 165 Calculus I	4	MATH 165 Calculus I	4
MATH 166 Calculus II	4	MATH 166 Calculus II	4
MATH 259 Multivariate Calculus	4	MATH 259 Multivariate Calculus	3
MATH 266 Introduction to Differential Equations	4	MATH 266 Introduction to Differential Equations	3
ENGR 111 Introduction to Engineering	3	ABEN 110 Intro to Ag & Biosystems Engineering	3
ENGR 221 Engineering Mechanics I	3	ME 221 Engineering Mechanics I	3
ENGR 222 Engineering Mechanics II	3	ME 222 Engineering Mechanics II	3
ENGR 223 Mechanics of Materials	3	ME 223 Mechanics of Materials	3
ENGR 275 Digital Systems I	3	Technical Elective (ECE 275 Digital Design)	3
PHYS 252 University Physics II	4	PHYS 252 University Physics II	4
PHYS 252L University Physics II Lab	1	PHYS 252L University Physics II Lab	1
CSCI 160 Computer Science I	4	Computer Science Elective (CSCI 160)	4
General Education Group III and/or IV	6	General Education (A) and/or (B)	6
<b>TOTAL SEMESTER HOURS</b>	<b>73</b>	<b>TOTAL SEMESTER HOURS</b>	<b>68</b>

- \* Other course substitutions may be available. Please see NDSU department advisor.
- \* Program requirements change periodically. It is the student's responsibility to be in contact with advisors from both institutions to obtain the most current program information to help ensure a smooth transfer.
- \* After finishing the indicated courses, students will transfer to NDSU to complete their degree.

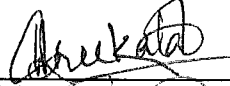
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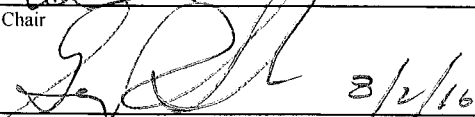
  
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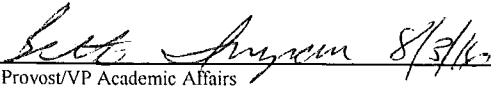
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**Articulation Agreement**  
**Dickinson State University and North Dakota State University**  
**Agricultural & Biosystems Engineering, B.S. Degree**  
**Biosystems Engineering Concentration**

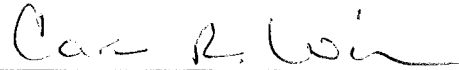
Dickinson State University	CR	North Dakota State University	CR
UNIV 100 Freshman Seminar	1	ABEN 189 Skills for Academic Success	1
ENGL 110 College Composition I	3	ENGL 110 College Composition I	3
ENGL 120 College Composition II	3	ENGL 120 College Composition II	3
ENGL 300 Technical Writing	3	Upper Division Writing (ENGL 321)	3
COMM 110 Fundamentals of Public Speaking	3	COMM 110 Fundamentals of Public Speaking	3
BIOL 150 General Biology I	3	BIOL 150 General Biology I (Chem/Bio Elective)	3
BIOL 150L General Biology I Lab	1	BIOL 150L General Biology I Lab	1
CHEM 121 General Chemistry I	4	CHEM 121 General Chemistry I	3
CHEM 121L General Chemistry I Lab	1	CHEM 121L General Chemistry I Lab	1
CHEM 122 General Chemistry II	4	CHEM 122 General Chemistry II	3
CHEM 122L General Chemistry II Lab	1	CHEM 122L General Chemistry II Lab	1
HPER 100 Concepts of Fitness and Wellness	2	HNES 100 (Wellness)	2
MATH 127 Matrix Fundamentals	2	MATH 128 Introduction to Linear Algebra	1
MATH 165 Calculus I	4	MATH 165 Calculus I	4
MATH 166 Calculus II	4	MATH 166 Calculus II	4
MATH 259 Multivariate Calculus	4	MATH 259 Multivariate Calculus	3
MATH 266 Introduction to Differential Equations	4	MATH 266 Introduction to Differential Equations	3
ENGR 111 Introduction to Engineering	3	ABEN 110 Intro to Ag & Biosystems Engineering	3
ENGR 221 Engineering Mechanics I	3	ME 221 Engineering Mechanics I	3
ENGR 222 Engineering Mechanics II	3	ME 222 Engineering Mechanics II	3
ENGR 223 Mechanics of Materials	3	ME 223 Mechanics of Materials	3
CSCI 160 Computer Science I	4	Computer Science Elective (CSCI 160)	4
PHYS 252 University Physics II	4	PHYS 252 University Physics II	4
PHYS 252L University Physics II Lab	1	PHYS 252L University Physics II Lab	1
<b>TOTAL SEMESTER HOURS</b>	<b>68</b>	<b>TOTAL SEMESTER HOURS</b>	<b>63</b>

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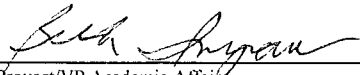
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 Dean, College of Engineering

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**Articulation Agreement**  
**Dickinson State University and North Dakota State University**  
**Civil Engineering, B.S. Degree**

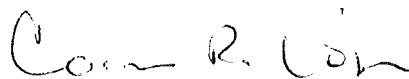
Dickinson State University	CR	North Dakota State University	CR
UNIV 100 Freshman Seminar	1	UNIV 189 Skills for Academic Success	1
ENGL 110 College Composition I	3	ENGL 110 College Composition I	3
ENGL 120 College Composition II	3	ENGL 120 College Composition II	3
ENGL 300 Technical Writing	3	ENGL 321 Writing in the Technical Professions	3
COMM 110 Fundamentals of Public Speaking	3	COMM 110 Fundamentals of Public Speaking	3
CHEM 121 General Chemistry I	4	CHEM 121 General Chemistry I	3
CHEM 121L General Chemistry I Lab	1	CHEM 121L General Chemistry I Lab	1
CHEM 122 General Chemistry II	4	CHEM 122 General Chemistry II	3
CHEM 122L General Chemistry II Lab	1	CHEM 122L General Chemistry II Lab	1
HPER 100 Concepts of Fitness and Wellness	2	HNES 100 (Wellness)	2
MATH 127 Matrix Fundamentals	2	MATH 128 Introduction to Linear Algebra	1
MATH 165 Calculus I	4	MATH 165 Calculus I	4
MATH 166 Calculus II	4	MATH 166 Calculus II	4
MATH 259 Multivariate Calculus	4	MATH 259 Multivariate Calculus	3
MATH 266 Introduction to Differential Equations	4	MATH 266 Introduction to Differential Equations	3
ENGR 221 Engineering Mechanics I	3	ME 221 Engineering Mechanics I	3
ENGR 222 Engineering Mechanics II	3	ME 222 Engineering Mechanics II	3
ENGR 223 Mechanics of Materials	3	ME 223 Mechanics of Materials	3
PHYS 252 University Physics II	4	PHYS 252 University Physics II	4
PHYS 252L University Physics II Lab	1	PHYS 252L University Physics II Lab	1
GEOL 105 Physical Geology	3	GEOL 105 Physical Geology	3
GEOL 105L Physical Geology Lab	1	GEOL 105L Physical Geology Lab	1
General Education Group III and/or IV	6	General Education (A) and/or (B)	6
<b>TOTAL SEMESTER HOURS</b>	<b>67</b>	<b>TOTAL SEMESTER HOURS</b>	<b>62</b>

- \* Other course substitutions may be available. Please see NDSU department advisor.
- \* Program requirements change periodically. It is the student's responsibility to be in contact with advisors from both institutions to obtain the most current program information to help ensure a smooth transfer.
- \* After finishing the indicated courses, students will transfer to NDSU to complete their degree.


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**Articulation Agreement**  
**Dickinson State University and North Dakota State University**  
**Computer Engineering, B.S. Degree**

Dickinson State University	CR	North Dakota State University	CR
UNIV 100 Freshman Seminar	1	UNIV 189 Skills for Academic Success	1
ENGL 110 College Composition I	3	ENGL 110 College Composition I	3
ENGL 120 College Composition II	3	ENGL 120 College Composition II	3
ENGL 300 Technical Writing	3	ENGL 321 Writing in the Technical Professions	3
COMM 110 Fundamentals of Public Speaking	3	COMM 110 Fundamentals of Public Speaking	3
CHEM 121 General Chemistry I	4	CHEM 121 General Chemistry I	3
CHEM 121L General Chemistry I Lab	1	CHEM 121L General Chemistry I Lab	1
HPER 100 Concepts of Fitness and Wellness	2	HNES 100 (Wellness)	2
MATH 127 Matrix Fundamentals	2	MATH 129 Basic Linear Algebra	2
MATH 165 Calculus I	4	MATH 165 Calculus I	4
MATH 166 Calculus II	4	MATH 166 Calculus II	4
MATH 208 Discrete Mathematics	3	CSCI 222 Discrete Mathematics	3
MATH 259 Multivariate Calculus**	4	MATH 259 Multivariate Calculus	3
MATH 266 Introduction to Differential Equations	4	MATH 266 Introduction to Differential Equations	3
ENGR 111 Introduction to Engineering	3	ECE 111 Intro to Electrical and Computer Eng.	3
ENGR 207 Circuit Analysis I (need lab at NDSU)	3	EE 206 Circuit Analysis I	4
ENGR 275 Digital Systems I (need lab at NDSU)	3	ECE 275 Digital Design	4
PHYS 251 University Physics I	4	PHYS 251 University Physics I	4
PHYS 251L University Physics I Lab	1	PHYS 251L University Physics I Lab	1
PHYS 252 University Physics II	4	Technical Elective (Phys 252 University Physics II)	4
PHYS 252L University Physics II Lab	1	PHYS 252L University Physics II Lab	1
CSCI 160 Computer Science I	4	ECE 173 Introduction to Computing	3
CSCI 161 Computer Science II	4	CSCI 161 Computer Science II	4
CSCI 301	3	CSCI 413	3
General Education III or IV	3	General Education (A) or (B)	3
<b>TOTAL SEMESTER HOURS</b>	<b>74</b>	<b>TOTAL SEMESTER HOURS</b>	<b>72</b>

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\* After finishing the indicated courses, students will transfer to NDSU to complete their degree.

\*\* Students will need to complete MATH 494 for the portions of Calculus III not covered in MATH 259.

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**Articulation Agreement**  
**Dickinson State University and North Dakota State University**  
**Construction Engineering, B.S. Degree**


Dickinson State University	CR	North Dakota State University	CR
UNIV 100 Freshman Seminar	1	UNIV 189 Skills for Academic Success	1
ENGL 110 College Composition I	3	ENGL 110 College Composition I	3
ENGL 120 College Composition II	3	ENGL 120 College Composition II	3
COMM 110 Fundamentals of Public Speaking	3	COMM 110 Fundamentals of Public Speaking	3
CHEM 121 General Chemistry I	4	CHEM 121 General Chemistry I	3
CHEM 121L General Chemistry I Lab	1	CHEM 121L General Chemistry I Lab	1
CHEM 122 General Chemistry II	4	CHEM 122 General Chemistry II	3
CHEM 122L General Chemistry II Lab	1	CHEM 122L General Chemistry II Lab	1
ECON 105 Elements of Economics	3	ECON 105 Elements of Economics	3
GEOL 105 or 106	3	GEOL 106 The Earth Through Time	3
GEOL 105L or 106L Geology Lab	1	Geol 105L Geology Lab	1
HPER 100 Concepts of Fitness and Wellness	2	HNES 100 (Wellness)	2
MATH 127 Matrix Fundamentals	2	MATH 128 Introduction to Linear Algebra	1
MATH 165 Calculus I	4	MATH 165 Calculus I	4
MATH 166 Calculus II	4	MATH 166 Calculus II	4
MATH 259 Multivariate Calculus	4	MATH 259 Multivariate Calculus	3
MATH 266 Introduction to Differential Equations	4	MATH 266 Introduction to Differential Equations	3
MATH 305 Probability and Statistics	4	STATS 330 Introduction to Stats	3
ENGR 111 Introduction to Engineering	3	CME 111 Introduction to CM&E	1
ENGR 221 Engineering Mechanics I	3	ME 221 Engineering Mechanics I	3
ENGR 222 Engineering Mechanics II	3	ME 222 Engineering Mechanics II	3
ENGR 223 Mechanics of Materials	3	ME 223 Mechanics of Materials	3
PHYS 252 University Physics II	4	PHYS 252 University Physics II	4
PHYS 252L University Physics II Lab	1	PHYS 252L University Physics II Lab	1
<b>TOTAL SEMESTER HOURS</b>	<b>68</b>	<b>TOTAL SEMESTER HOURS</b>	<b>60</b>

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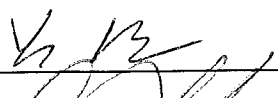
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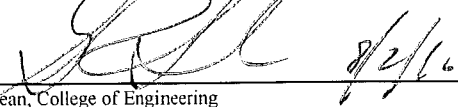
  
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 Chair

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 Dean, College of Engineering

North Dakota State University  
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North Dakota State University  
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**Articulation Agreement**  
**Dickinson State University and North Dakota State University**  
**Electrical Engineering, B.S. Degree**

Dickinson State University	CR	North Dakota State University	CR
UNIV 100 Freshman Seminar	1	UNIV 189 Skills for Academic Success	1
ENGL 110 College Composition I	3	ENGL 110 College Composition I	3
ENGL 120 College Composition II	3	ENGL 120 College Composition II	3
ENGL 300 Technical Writing	3	Upper-level writing(ENGL 321)	3
COMM 110 Fundamentals of Public Speaking	3	COMM 110 Fundamentals of Public Speaking	3
CHEM 121 General Chemistry I	4	CHEM 121 General Chemistry I	3
CHEM 121L General Chemistry I Lab	1	CHEM 121L General Chemistry I Lab	1
HPER 100 Concepts of Fitness and Wellness	2	HNES 100 (Wellness)	2
MATH 127 Matrix Fundamentals	2	MATH 129 Basic Linear Algebra	2
MATH 165 Calculus I	4	MATH 165 Calculus I	4
MATH 166 Calculus II	4	MATH 166 Calculus II	4
MATH 208 Discrete Mathematics	3	Technical Elective (CSCI 222)	3
MATH 259 Multivariate Calculus**	4	MATH 259 Multivariate Calculus	3
MATH 266 Introduction to Differential Equations	4	MATH 266 Introduction to Differential Equations	3
ENGR 111 Introduction to Engineering	3	ECE 111 Intro. to Electrical and Computer Eng.	3
ENGR 221 Engineering Mechanics I	3	Technical Elective (ME 221)	3
ENGR 222 Engineering Mechanics II	3	Technical Elective (ME 222)	3
ENGR 207 Circuit Analysis I (need lab at NDSU)	3	EE 206 Circuit Analysis I	4
ENGR 275 Digital Systems I (need lab at NDSU)	3	ECE 275 Digital Design	4
PHYS 251 University Physics I	4	PHYS 251 University Physics I	4
PHYS 251L University Physics I Lab	1	PHYS 251L University Physics I Lab	1
PHYS 252 University Physics II	4	PHYS 252 University Physics II	4
PHYS 252L University Physics II Lab	1	PHYS 252L University Physics II Lab	1
CSCI 160 Computer Science I	4	ECE 173 Introduction to Computing	3
CSCI 161 Computer Science II	4	Technical Elective (CSCI 161)	4
TOTAL SEMESTER HOURS	74	TOTAL SEMESTER HOURS	72

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\* After finishing the indicated courses, students will transfer to NDSU to complete their degree.

\*\* Students will need to complete MATH 494 for the portions of Calculus III not covered in MATH 259.


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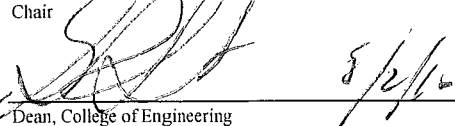
  
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North Dakota State University  
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**Articulation Agreement**  
**Dickinson State University and North Dakota State University**  
**Industrial Engineering & Management, B.S. Degree**

Dickinson State University	CR	North Dakota State University	CR
UNIV 100 Freshman Seminar	1	UNIV 189 Skills for Academic Success	1
ENGL 110 College Composition I	3	ENGL 110 College Composition I	3
ENGL 120 College Composition II	3	ENGL 120 College Composition II	3
ENGL 300 Technical Writing	3	ENGL 321 Writing in the Technical Professions	3
COMM 110 Fundamentals of Public Speaking	3	COMM 110 Fundamentals of Public Speaking	3
CHEM 121 General Chemistry I	4	CHEM 121 General Chemistry I	3
CHEM 121L General Chemistry I Lab	1	CHEM 121L General Chemistry I Lab	1
CHEM 122 General Chemistry II	4	CHEM 122 General Chemistry II	3
CHEM 122L General Chemistry II Lab	1	CHEM 122L General Chemistry II Lab	1
HPER 100 Concepts of Fitness and Wellness	2	HNES 100 (Wellness)	2
MATH 127 Matrix Fundamentals	2	MATH 129 Basic Linear Algebra	2
MATH 165 Calculus I	4	MATH 165 Calculus I	4
MATH 166 Calculus II	4	MATH 166 Calculus II	4
MATH 259 Multivariate Calculus	4	MATH 259 Multivariate Calculus	3
MATH 266 Introduction to Differential Equations	4	MATH 266 Introduction to Differential Equations	3
ENGR 221 Engineering Mechanics I	3	ME 221 Engineering Mechanics I	3
ENGR 222 Engineering Mechanics II	3	ME 222 Engineering Mechanics II	3
ENGR 223 Mechanics of Materials	3	Engineering Science (ME 223)	3
ENGR 275 Digital Systems I	3	Engineering Science (ECE 275)	4
CSCI 160 Computer Science I	4	Computer Science Elective (CSCI 160)	4
PHYS 252 University Physics II	4	PHYS 252 University Physics II	4
PHYS 252L University Physics II Lab	1	PHYS 252L University Physics II Lab	1
General Education Group III or IV	3	General Education (A) or (B)	3
<b>TOTAL SEMESTER HOURS</b>	<b>67</b>	<b>TOTAL SEMESTER HOURS</b>	<b>64</b>

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- \* After finishing the indicated courses, students will transfer to NDSU to complete their degree.

SIGNATURES:

Chair

Dickinson State University  
Institution

VP Academic Affairs

Dickinson State University  
Institution

Chair

North Dakota State University  
Institution

Dean, College of Engineering

North Dakota State University  
Institution

Provost/VP Academic Affairs

North Dakota State University  
Institution



**Articulation Agreement**  
**Dickinson State University and North Dakota State University**  
**Manufacturing Engineering, B.S. Degree**

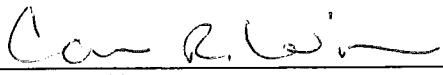
Dickinson State University	CR	North Dakota State University	CR
UNIV 100 Freshman Seminar	1	UNIV 189 Skills for Academic Success	1
ENGL 110 College Composition I	3	ENGL 110 College Composition I	3
ENGL 120 College Composition II	3	ENGL 120 College Composition II	3
ENGL 300 Technical Writing	3	ENGL 321 Writing in the Technical Professions	3
COMM 110 Fundamentals of Public Speaking	3	COMM 110 Fundamentals of Public Speaking	3
CHEM 121 General Chemistry I	4	CHEM 121 General Chemistry I	3
CHEM 121L General Chemistry I Lab	1	CHEM 121L General Chemistry I Lab	1
CHEM 122 General Chemistry II	4	CHEM 122 General Chemistry II	3
CHEM 122L General Chemistry II Lab	1	CHEM 122L General Chemistry II Lab	1
HPER 100 Concepts of Fitness and Wellness	2	HNES 100 (Wellness)	2
MATH 127 Matrix Fundamentals	2	MATH 129 Basic Linear Algebra	2
MATH 165 Calculus I	4	MATH 165 Calculus I	4
MATH 166 Calculus II	4	MATH 166 Calculus II	4
MATH 259 Multivariate Calculus	4	MATH 259 Multivariate Calculus	3
MATH 266 Introduction to Differential Equations	4	MATH 266 Introduction to Differential Equations	3
CSCI 160 Computer Science I	4	Computer Science Elective (CSCI 160)	4
ENGR 221 Engineering Mechanics I	3	ME 221 Engineering Mechanics I	3
ENGR 222 Engineering Mechanics II	3	ME 222 Engineering Mechanics II	3
ENGR 223 Mechanics of Materials	3	ME 223 Mechanics of Materials	3
ENGR 275 Digital Systems I	3	Engineering Science (ECE 275)	3
PHYS 252 University Physics II	4	PHYS 252 University Physics II	4
PHYS 252L University Physics II Lab	1	PHYS 252L University Physics II Lab	1
General Education Group III or IV	3	General Education (A) or (B)	3
<b>TOTAL SEMESTER HOURS</b>	<b>67</b>	<b>TOTAL SEMESTER HOURS</b>	<b>63</b>

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- \* Program requirements change periodically. It is the student's responsibility to be in contact with advisors from both institutions to obtain the most current program information to help ensure a smooth transfer.
- \* After finishing the indicated courses, students will transfer to NDSU to complete their degree.

**SIGNATURES:**

  
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 Chair

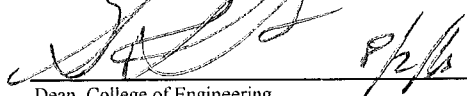
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**Articulation Agreement**  
**Dickinson State University and North Dakota State University**  
**Mechanical Engineering, B.S. Degree**


Dickinson State University	CR	North Dakota State University	CR
UNIV 100 Freshman Seminar	1	UNIV 189 Skills for Academic Success	1
ENGL 110 College Composition I	3	ENGL 110 College Composition I	3
ENGL 120 College Composition II	3	ENGL 120 College Composition II	3
ENGL 300 Technical Writing	3	ENGL 321 Writing in the Technical Professions	3
COMM 110 Fundamentals of Public Speaking	3	COMM 110 Fundamentals of Public Speaking	3
CHEM 121 General Chemistry I	4	CHEM 121 General Chemistry I	3
CHEM 121L General Chemistry I Lab	1	CHEM 121L General Chemistry I Lab	1
CHEM 122 General Chemistry II	4	CHEM 122 General Chemistry II	3
CHEM 122L General Chemistry II Lab	1	CHEM 122L General Chemistry II Lab	1
HPER 100 Concepts of Fitness and Wellness	2	HNES 100 (Wellness)	2
MATH 127 Matrix Fundamentals	2	MATH 129 Basic Linear Algebra	2
MATH 165 Calculus I	4	MATH 165 Calculus I	4
MATH 166 Calculus II	4	MATH 166 Calculus II	4
MATH 259 Multivariate Calculus	4	MATH 259 Multivariate Calculus	3
MATH 266 Introduction to Differential Equations	4	MATH 266 Introduction to Differential Equations	3
ENGR 221 Engineering Mechanics I	3	ME 221 Engineering Mechanics I	3
ENGR 222 Engineering Mechanics II	3	ME 222 Engineering Mechanics II	3
ENGR 223 Mechanics of Materials	3	ME 223 Mechanics of Materials	3
PHYS 252 University Physics II	4	PHYS 252 University Physics II	4
PHYS 252L University Physics II Lab	1	PHYS 252L University Physics II Lab	1
General Education group III and IV	12	General Education (A) and (B)	12
<b>TOTAL SEMESTER HOURS</b>	<b>69</b>	<b>TOTAL SEMESTER HOURS</b>	<b>65</b>

- \* Other course substitutions may be available. Please see NDSU department advisor.
- \* Program requirements change periodically. It is the student's responsibility to be in contact with advisors from both institutions to obtain the most current program information to help ensure a smooth transfer.
- \* After finishing the indicated courses, students will transfer to NDSU to complete their degree.


**SIGNATURES:**

  
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 Chair

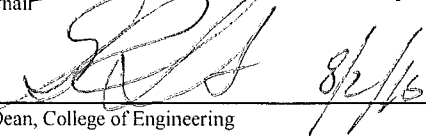
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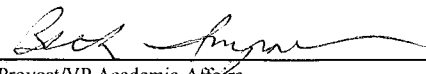
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