

UNIVERSITY OF  NORTH DAKOTA

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September 29, 2009

Leander McDonald
VP Academic Affairs
Cankdeska Cikana Community College
PO Box 269
Fort Totten, ND 58335

Dear Leander:

The University of North Dakota is currently working on updating our articulation agreements to follow our new 2009-2011 catalog. For the past several months UND has been in the process of reviewing the current articulation agreements and making any necessary changes to reflect our new catalog and our new Essential Studies requirements. We are in the final stages of the project and are very excited to be sending you the agreements for your review.

Enclosed is a set of the updated articulation agreements between UND and Cankdeska Cikana Community College. It would be appreciated if you would distribute the information to those individuals that should be involved in the review of these documents. We are asking that those individuals look over these agreements and make any changes that they feel are necessary. When finished reviewing the documents please send any changes or suggestions to me at the Office of the Registrar by early November. If you have questions, or need additional time for your review, please call me at 701-777-2148. If we do not receive any changes we will assume that you did not see any areas that need updating.

Our North Dakota institutions have been encouraged to work together in assisting students plan their education by being accessible, flexible, and responsive to their needs. Thus it is UND's continuing goal to maintain our articulation agreements for the ultimate purpose of serving and helping all of our students in North Dakota. We look forward to our continued cooperation with Cankdeska Cikana Community College.

Sincerely,


Christina Fargo
Assistant Registrar

Enclosures

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Accountancy

Major: ACCOUNTANCY

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2975 or 777-2975

126 credits are required to graduate with an Accountancy degree from UND.

CCCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 110	3	Public Speaking (O)	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 120	3	College Composition II
<u>II. Social Science - SS</u>					
ECON 201	3	Principles of Microeconomics (Q)	ECON 201	3	Principles of Microeconomics
ECON 202	3	Principles of Macroeconomics (Q)	ECON 202	3	Principles of Macroeconomics
POLS 115	3	American Government	POLS 115	3	American Government I
<u>III. Arts and Humanities - FA/HUM</u>					
Elective Credit	9*	Credit from at least two depts.	Elective Credit	9*	Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities					
<u>IV. Mathematics, Science & Technology - MST</u>					
Lab Science	4	Lab Science Course	Lab Science	4	Lab Science Course
MATH 103	3	College Algebra (Q)	MATH 103	3	College Algebra
MATH 210	3	Elementary Statistics (Q)	ECON 210	3	Intro to Business & Econ Statistics
No equivalent	-	No equivalent at CCCC	MATH 146	3	Applied Calculus I
<u>Other Program Requirements</u>					
ACCT 200	3	Elements of Accounting I	ACCT 200	3	Elements of Accounting I
ACCT 201	3	Elements of Accounting II	ACCT 201	3	Elements of Accounting II
PSYC 111 or	3	Introduction to Psychology	PSYC 111 or	3	Introduction to Psychology
SOC 110	3	Introduction to Sociology	SOC 110	3	Introduction to Sociology

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Business Administration Major: AIRPORT MANAGEMENT

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2975 or 777-2975

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
ECON 202	3 Principles of Macroeconomics (Q)	ECON 202	3 Principles of Macroeconomics
POLS 115	3 American Government	POLS 115	3 American Government I
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9 Credit from at least two depts.	Elective Credit	9 Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
MATH 210	3 Elementary Statistics (Q)	ECON 210	3 Intro to Business & Econ Statistics
No equivalent	- No equivalent at CCCC	MATH 146	3 Applied Calculus I
No equivalent	-- Not offered at CCCC	ATSC 110	4 Meteorology I
<u>Other Program Requirements</u>			
ACCT 200	3 Elements of Accounting I	ACCT 200	3 Elements of Accounting I
ACCT 201	3 Elements of Accounting II	ACCT 201	3 Elements of Accounting II
PSYC 111 or	3 Introduction to Psychology	PSYC 111 or	3 Introduction to Psychology
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science

Major: ATMOSPHERIC SCIENCES

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 4934 or 777-4934

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 125	3 Intro to Professional Writing	ENGL 125	3 Technical & Business Writing
<u>II. Social Science - SS</u>			
Elective Credit	9 Credit from at least two depts.	Elective Credit	9 Credit from at least two depts.
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
No equivalent	- No equivalent at CCCC	MATH 165	4 Calculus I
No equivalent	- No equivalent at CCCC	MATH 166	4 Calculus II

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Business Administration Major: AVIATION MANAGEMENT

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2975 or 777-2975

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
ECON 202	3 Principles of Macroeconomics (Q)	ECON 202	3 Principles of Macroeconomics
POLS 115	3 American Government	POLS 115	3 American Government I
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	1 Non-Lang Arts & Humanities Elective	Elective Credit	1 Non-Lang Arts & Humanities Elective
LANG	8 Foreign Language Credits	LANG	8 Foreign Language Credits
<u>IV. Mathematics, Science & Technology - MST</u>			
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
MATH 210	3 Elementary Statistics (Q)	ECON 210	3 Intro to Business & Econ Statistics
No equivalent	- No equivalent at CCCC	MATH 146	3 Applied Calculus I
No equivalent	-- Not offered at CCCC	ATSC 110	4 Meteorology I
<u>Other Program Requirements</u>			
ACCT 200	3 Elements of Accounting I	ACCT 200	3 Elements of Accounting I
ACCT 201	3 Elements of Accounting II	ACCT 201	3 Elements of Accounting II
PSYC 111 or	3 Introduction to Psychology	PSYC 111 or	3 Introduction to Psychology
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Business Administration Major: BANKING & FINANCIAL ECONOMICS

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CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
ECON 202	3 Principles of Macroeconomics (Q)	ECON 202	3 Principles of Macroeconomics
POLS 115	3 American Government	POLS 115	3 American Government I
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
Lab Science	4 Lab Science Course	Lab Science	4 Lab Science Course
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
MATH 210	3 Elementary Statistics (Q)	ECON 210	3 Intro to Business & Econ Statistics
No equivalent	- No equivalent at CCCC	MATH 146	3 Applied Calculus I
<u>Other Program Requirements</u>			
ACCT 200	3 Elements of Accounting I	ACCT 200	3 Elements of Accounting I
ACCT 201	3 Elements of Accounting II	ACCT 201	3 Elements of Accounting II
PSYC 111 or	3 Introduction to Psychology	PSYC 111 or	3 Introduction to Psychology
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science

Major: BIOLOGY

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2749 or 777-2749

Students planning a professional program in the health sciences should call UND's Health Science adviser at the number above, and also access the UND web page: www.und.nodak.edu (Under A-Z Index, click on "P" for Pre-Health and other headings.)

*While all listed Biology electives will transfer, no more than 8 credits will apply to the 40-credit Biology major.

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
Elective Credit	9 Social Science Elective Credit	Elective Credit	9 Social Science Elective Credit
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
BIOL 150/L	3/1 General Biology I/Lab	BIOL 150/L	3/1 General Biology I/Lab
BIOL 151/L	3/1 General Biology II/Lab	BIOL 151/L	3/1 General Biology II/Lab
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 122/L	3/1 General Chemistry II/Lab (Q)	CHEM 122/L	3/1 General Chemistry II/Lab
<u>Other Program Requirements</u>			
BIOL ---	4-8 Biology 170, 220, 221	BIOL ---	4-8 BIOL Electives
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
No equivalent	- No equivalent at CCCC	MATH 146	3 Applied Calculus I

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Business Administration Major: BUSINESS ECONOMICS

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2975 or 777-2975

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
ECON 202	3 Principles of Macroeconomics (Q)	ECON 202	3 Principles of Macroeconomics
POLS 115	3 American Government	POLS 115	3 American Government I
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
Lab Science	4 Lab Science Course	Lab Science	4 Lab Science Course
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
MATH 210	3 Elementary Statistics (Q)	ECON 210	3 Intro to Business & Econ Statistics
No equivalent	- No equivalent at CCCC	MATH 146	3 Applied Calculus I
<u>Other Program Requirements</u>			
ACCT 200	3 Elements of Accounting I	ACCT 200	3 Elements of Accounting I
ACCT 201	3 Elements of Accounting II	ACCT 201	3 Elements of Accounting II
No equivalent	- No equivalent at CCCC	MATH 165	4 Calculus I
No equivalent	- No equivalent at CCCC	MATH 166	4 Calculus II
PSYC 111 or	3 Introduction to Psychology	PSYC 111 or	3 Introduction to Psychology
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree **Bachelor of Science in Chemical Engineering**

Major: **CHEMICAL ENGINEERING**

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 3411 or 777-3411

133 credits are required to graduate with a chemical engineering degree from UND. UND will accept CHEM 121/122 in leau of CHEM 221/222.

*Other CCCC courses may satisfy these requirements, contact the department for details.

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II or
ENGL 125	3 Intro to Professional Writing	ENGL 125	3 Technical & Business Writing
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
Elective Credit	6 Credit from at least two depts.	Elective Credit	6 Credit from at least two depts.
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Elective Credit	Elective Credit	9* Elective Credit
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 122/L	3/1 General Chemistry II/Lab (Q)	CHEM 122/L	3/1 General Chemistry II/Lab
<u>Other Program Requirements</u>			
MATH 210	3 Elementary Statistics (Q)	*Elective Credit	3 Tech Elective I

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science

Major: CHEMISTRY (BIOCHEMISTRY
OPTION)

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2749 or 777-2749

Students planning a professional program in the health sciences should call UND's Health Science adviser at the number above, and also access the UND web page: www.und.nodak.edu (Under A-Z Index, click on "P" for Pre-Health and other headings.)

Students must have completed a full year of general physics before beginning their junior (third) year Chemistry classes.

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
Elective Credit	9 Social Science Elective Credit	Elective Credit	9 Social Science Elective Credit
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Elective Credit	Elective Credit	9* Elective Credit
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 122/L	3/1 General Chemistry II/Lab (Q)	CHEM 122/L	3/1 General Chemistry II/Lab
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
No equivalent at CCCC	No equivalent at CCCC	MATH 146	3 Applied Calculus I
<u>Other Recommended</u>			
BIOL 150/L	3/1 General Biology I/Lab	BIOL 150/L	3/1 General Biology I/Lab
BIOL 151/L	3/1 General Biology II/Lab	BIOL 151/L	3/1 General Biology II/Lab

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science in Civil Engineering

Major: CIVIL ENGINEERING

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 3411 or 777-3411

135 credits are required to graduate with a civil engineering degree from UND.

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120 or	3 College Composition II	ENGL 120 or	3 College Composition II
ENGL 125	3 Intro to Professional Writing	ENGL 125	3 Technical & Business Writing
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
Elective Credit	6 Credit from at least two depts.	Elective Credit	6 Credit from at least two depts.
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 122/L or	3/1 General Chemistry II/Lab (Q)	CHEM 122/L or	3/1 General Chemistry II/Lab
BIOL 150/L	4 General Biology I/Lab	BIOL 150/L	3/1 General Biology I/Lab
MATH 165	4 Calculus I	MATH 165	4 Calculus I
MATH 166	4 Calculus II	MATH 166	4 Calculus II
MATH 265	4 Calculus III	MATH 265	4 Calculus III
<u>Other Program Requirements</u>			
		ENGR 203	3 Mechanics of Materials
		ENGR 201	3 Statics
		ENGR 200	2 Computer Applications in Engineering
		ENGR 101	3 Graphical Communications
		ENGR 202	3 Dynamics

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

GEOL 105/L	3/1	Physical Geology.lab	GEOL 101/L	3/1	Introduction to Geology/Lab
MATH 220	3	Probability and Statistics (Q)	ECON 210	3	Intro to Business & Econ Statistics

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science

Major: COMMERCIAL AVIATION

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 4934 or 777-4934

Commercial Aviation requires one year of foreign language.

CCCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 110	3	Public Speaking (O)	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 120	3	College Composition II
<u>II. Social Science - SS</u>					
Elective Credit	9	Credit from at least two depts.	Elective Credit	9	Credit from at least two depts.
<u>III. Arts and Humanities - FA/HUM</u>					
Elective Credit	9*	Credit from at least two depts.	Elective Credit	9*	Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities					
<u>IV. Mathematics, Science & Technology - MST</u>					
No equivalent	-	No equivalent at CCCC	MATH 146	3	Applied Calculus I
No equivalent	--	Not offered at CCCC	PHYS 150/L	4/1	Phys Aerospace Sciences/L
No equivalent	--	Not offered at CCCC	ATSC 110	4	Meteorology I

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science

Major: CRIMINAL JUSTICE STUDIES

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2749 or 777-2749

Admission to UND's Criminal Justice program requires completion of 45 credits including CJ 201, CJ 210, CJ 270, and Soc 253. Admission also requires a 2.7 GPA in those four courses as well as a 2.7 GPA overall.

Students transferring to UND for Criminal Justice will generally have to complete a three-year sequence of courses at UND.

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
Elective Credit	3 Social Science Elective Credit	Elective Credit	3 Social Science Elective Credit
POLS 115	3 American Government I	POLS 115	3 American Government I
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
Elective Credit	5 Elective Credit	Elective Credit	5 Elective Credit
Lab Science	4 Lab Science Course	Lab Science	4 Lab Science Course
<u>Other Recommended</u>			
IS 375	3 History of Federal Indian Law	POLS 204	3 Federal Indian Law
SOC 115	3 Social Problems	SOC 115	3 Social Problems

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science in Education

Major: EARLY CHILDHOOD EDUCATION

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 3183 or 777-3183

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
Elective Credit	3 Non-Psychology Elective Credit	Elective Credit	3 Non-Psychology Elective Credit
PSYC 111	3 Introduction to Psychology	PSYC 111	3 Introduction to Psychology
PSYC 250	3 Developmental Psychology	PSYC 250	4 Developmental Psychology
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
Elective Credit	6 Elective Credit	Elective Credit	6 Elective Credit
NUTR 240	3 Principles of Nutrition	NUTR 240	3 Fundamentals of Nutrition
<u>Other Program Requirements</u>			
EDU 217	3 Early Childhd Exp:Lang & Literacy	T&L 313	3 Language Development and Emerging Li
EDU 231	3 Infants and Toddlers	T&L 320	3 Infant/Toddler Dev and Learning
EDU 237	2 Young Children w/ Special Needs	T&L 315	3 Ed. of the Exception Student
PSYC 252	3 Child Psychology	T&L 252	3 Child Development

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree **Bachelor of Science in Electrical Engineering**

Major: **ELECTRICAL ENGINEERING**

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 3411 or 777-3411

136 credits are required to graduate with an electrical engineering degree from UND.

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120 or	3 College Composition II	ENGL 120 or	3 College Composition II or
ENGL 125	3 Intro to Professional Writing	ENGL 125	3 Technical & Business Writing
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
Elective Credit	6 Credit from at least two depts.	Elective Credit	6 Credit from at least two depts.
<u>III. Arts and Humanities - FA/HUM</u>			
PHIL 210	3 Ethics	PHIL 370	3 Ethics in Engineering & Science
Elective Credit	6* Credit from at least two depts.	Elective Credit	6* Credit from at least two depts.
*must include 3 credits designated as Fine Arts			
<u>IV. Mathematics, Science & Technology - MST</u>			
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 122/L	3/1 General Chemistry II/Lab (Q)	Elective Credit	3 Basic/Applied Science Elective

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science in Education

Major: ELEMENTARY EDUCATION

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Elementary Education majors in North Dakota must take one class in each of the following sciences: biological science, earth science and physical science.

CCCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 110	3	Public Speaking (O)	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 120	3	College Composition II
<u>II. Social Science - SS</u>					
POLS 115	3	American Government I	POLS 115	3	American Government I
PSYC 111	3	Introduction to Psychology	PSYC 111	3	Introduction to Psychology
PSYC 250	4	Developmental Psychology	PSYC 250	4	Developmental Psychology
SOC 110	3	Introduction to Sociology	SOC 110	3	Introduction to Sociology
<u>III. Arts and Humanities - FA/HUM</u>					
Elective Credit	3	Fine Arts Elective Credit	Elective Credit	3	Fine Arts Elective Credit
HIST 103	3	U. S. History to 1877	HIST 103	3	United States to 1877
HIST 104	3	U. S. History Since 1877	HIST 104	3	United States since 1877
HUMS 101	4	Humanities I	HUMS 101	4	Introduction to Humanities I
<u>IV. Mathematics, Science & Technology - MST</u>					
BIOL 150/L	3/1	General Biology I/Lab	BIOL 150/L	3/1	General Biology I/Lab
CHEM 115/L	3/1	Introductory Chemistry/Lab	CHEM 115/L	3/1	Introductory Chemistry/Lab
CSCI 101	3	Introduction to Computers	CSCI 101	3	Introduction to Computers
GEOL 101	3/1	Intro to Geology/Lab	GEOL 101/L	3/1	Introduction to Geology/Lab
MATH 103	3	College Algebra (Q)	MATH 103	3	College Algebra

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Arts

Major: ENGLISH

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2749 or 777-2749

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
Elective Credit	9 Social Science Elective Credit	Elective Credit	9 Social Science Elective Credit
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	3 Fine Arts Elective	Elective Credit	3 Fine Arts Elective
ENGL 2---	3 Literature Elective	Elective Credit	3 Literature Course
ENGL 2---	3 Literature Elective	Elective Credit	3 Literature Course
<u>IV. Mathematics, Science & Technology - MST</u>			
Elective Credit	5 Elective Credit	Elective Credit	5 Elective Credit
Elective Credit	4 Lab Science Course	Elective Credit	4 Lab Science Course
<u>Other Program Requirements</u>			
Elective Credit	3-13 200-Level Literature Electives	Elective Credit	3-13 200 Level Literature Electives

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Business Administration Major: ENTREPRENEURSHIP

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2975 or 777-2975

CCCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 110	3	Public Speaking (O)	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 120	3	College Composition II
<u>II. Social Science - SS</u>					
ECON 201	3	Principles of Microeconomics (Q)	ECON 201	3	Principles of Microeconomics
ECON 202	3	Principles of Macroeconomics (Q)	ECON 202	3	Principles of Macroeconomics
POLS 115	3	American Government	POLS 115	3	American Government I
<u>III. Arts and Humanities - FA/HUM</u>					
Elective Credit	9*	Credit from at least two depts.	Elective Credit	9*	Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities					
<u>IV. Mathematics, Science & Technology - MST</u>					
Lab Science	4	Lab Science Course	Lab Science	4	Lab Science Course
MATH 103	3	College Algebra (Q)	MATH 103	3	College Algebra
MATH 210	3	Elementary Statistics (Q)	ECON 210	3	Intro to Business & Econ Statistics
No equivalent	-	No equivalent at CCCC	MATH 146	3	Applied Calculus I
<u>Other Program Requirements</u>					
ACCT 200	3	Elements of Accounting I	ACCT 200	3	Elements of Accounting I
ACCT 201	3	Elements of Accounting II	ACCT 201	3	Elements of Accounting II
PSYC 111 or	3	Introduction to Psychology	PSYC 111 or	3	Introduction to Psychology
SOC 110	3	Introduction to Sociology	SOC 110	3	Introduction to Sociology

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree **Bachelor of Science in Geological Engineering**

Major: **GEOLOGICAL ENGINEERING**

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 3411 or 777-3411

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 125	3 Intro to Professional Writing	ENGL 125	3 Technical & Business Writing
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
Elective Credit	6 Elective Credit	Elective Credit	6 Elective Credit
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 122/L	3/1 General Chemistry II/Lab (Q) or	CHEM 122/L	3/1 General Chemistry II/Lab
GEOL 101/L	3/1 Physical Geology/Lab	GEOL 101/L	3/1 Introduction to Geology/Lab
MATH 210	3 Elementary Statistics (Q)	ECON 210	3 Intro to Business & Econ Statistics
No equivalent	- No equivalent at CCCC	MATH 166	4 Calculus II
No equivalent	- No equivalent at CCCC	MATH 165	4 Calculus I
No equivalent	- No equivalent at CCCC	MATH 265	4 Calculus III
PHIL 210	3 Ethics	PHIL 370	3 Ethics in Engineering & Science

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science

Major: GEOLOGY

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2749 or 777-2749

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
Elective Credit	9 Social Science Elective Credit	Elective Credit	9 Social Science Elective Credit
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 122/L	3/1 General Chemistry II/Lab (Q)	CHEM 122/L	3/1 General Chemistry II/Lab
GEOL 105/L	3/1 Physical Geology/Lab	GEOL 101/L	3/1 Introduction to Geology/Lab
No equivalent	- No equivalent at CCCC	MATH 166	4 Calculus II
No equivalent	- No equivalent at CCCC	MATH 165	4 Calculus I

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Arts

Major: HISTORY (OPTION B)

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*While more credits of 200-level history electives may be taken and will transfer to UND, the History major requires an additional 16 credits of upper division (300+) History electives.

CCCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 110	3	Public Speaking (O)	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 120	3	College Composition II
<u>II. Social Science - SS</u>					
Elective Credit	3	Social Science Elective Credit	Elective Credit	3	Social Science Elective Credit
POLS 115	3	American Government	POLS 115	3	American Government I
SOC 110	3	Introduction to Sociology	SOC 110	3	Introduction to Sociology
<u>III. Arts and Humanities - FA/HUM</u>					
Elective Credit	3	Fine Arts Elective Credit	Elective Credit	3	Fine Arts Elective Credit
HIST 103	3	U. S. History to 1877	HIST 103	3	United States to 1877
HIST 104	3	U. S. History Since 1877	HIST 104	3	United States since 1877
<u>IV. Mathematics, Science & Technology - MST</u>					
Elective Credit	5	Elective Credit	Elective Credit	5	Elective Credit
Lab Science	4	Lab Science Course	Lab Science	4	Lab Science Course
<u>Other Program Requirements</u>					
Elective Credit	3	History Elective*	Elective Credit	3	History Elective

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Arts

Major: INDIAN STUDIES

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2749 or 777-2749

CCCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 110	3	Public Speaking (O)	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 120	3	College Composition II
<u>II. Social Science - SS</u>					
Elective Credit	3	Social Science Elective Credit	Elective Credit	3	Social Science Elective Credit
POLS 115	3	American Government I	POLS 115	3	American Government I
SOC 110	3	Introduction to Sociology	SOC 110	3	Introduction to Sociology
<u>III. Arts and Humanities - FA/HUM</u>					
DSL 107	4	Dakota Language I	LANG 101	3	First Year Language I
DSL 108	4	Dakota Language II	LANG 102	3	First Year Language II
Elective Credit	3	Fine Arts Elective Credit	Elective Credit	3	Fine Arts Elective Credit
IS 121	3	Introduction to Indian Studies (U)	IS 121	3	Introduction to Indian Studies
<u>IV. Mathematics, Science & Technology - MST</u>					
Elective Credit	5	Elective Credit	Elective Credit	5	Elective Credit
Lab Science	4	Lab Science Course	Lab Science	4	Lab Science Course
<u>Other Recommended</u>					
Elective Credit	3	Elective Credit	HIST 261	3	American Indian History

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science

Major: INDUSTRIAL TECHNOLOGY

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2975 or 777-2975

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
Elective Credit	9 Credit from at least two depts.	Elective Credit	9 Credit from at least two depts.
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
MATH 105	2 Trigonometry (Q)	MATH 105	2 Trigonometry
No equivalent	- No equivalent at CCCC	MATH 146	3 Applied Calculus I
<u>Other Program Requirements</u>			
MATH 210	3 Elementary Statistics (Q)	ECON 210	3 Intro to Business & Econ Statistics

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Business Administration Major: INFORMATION SYSTEMS

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2975 or 777-2975

CCCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 110	3	Public Speaking (O)	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 120	3	College Composition II
<u>II. Social Science - SS</u>					
ECON 201	3	Principles of Microeconomics (Q)	ECON 201	3	Principles of Microeconomics
ECON 202	3	Principles of Macroeconomics (Q)	ECON 202	3	Principles of Macroeconomics
POLS 115	3	American Government	POLS 115	3	American Government I
PSYC 111	3	Introduction to Psychology	PSYC 111	3	Introduction to Psychology
<u>III. Arts and Humanities - FA/HUM</u>					
Elective Credit	9*	Credit from at least two depts.	Elective Credit	9*	Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities					
<u>IV. Mathematics, Science & Technology - MST</u>					
Lab Science	4	Lab Science Course	Lab Science	4	Lab Science Course
MATH 103	3	College Algebra (Q)	MATH 103	3	College Algebra
MATH 210	3	Elementary Statistics (Q)	ECON 210	3	Intro to Business & Econ Statistics
No equivalent	-	No equivalent	MATH 146	3	Applied Calculus I
<u>Other Program Requirements</u>					
ACCT 200	3	Elements of Accounting I	ACCT 200	3	Elements of Accounting I
ACCT 201	3	Elements of Accounting II	ACCT 201	3	Elements of Accounting II

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Business Administration Major: INVESTMENTS

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2975 or 777-2975

CCCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 110	3	Public Speaking (O)	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 120	3	College Composition II
<u>II. Social Science - SS</u>					
ECON 201	3	Principles of Microeconomics (Q)	ECON 201	3	Principles of Microeconomics
ECON 202	3	Principles of Macroeconomics (Q)	ECON 202	3	Principles of Macroeconomics
POLS 115	3	American Government	POLS 115	3	American Government I
<u>III. Arts and Humanities - FA/HUM</u>					
Elective Credit	9*	Credit from at least two depts.	Elective Credit	9*	Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities					
<u>IV. Mathematics, Science & Technology - MST</u>					
Lab Science	4	Lab Science Course	Lab Science	4	Lab Science Course
MATH 103	3	College Algebra (Q)	MATH 103	3	College Algebra
MATH 210	3	Elementary Statistics (Q)	ECON 210	3	Intro to Business & Econ Statistics
No equivalent	-	No equivalent at CCCC	MATH 146	3	Applied Calculus I
<u>Other Program Requirements</u>					
ACCT 200	3	Elements of Accounting I	ACCT 200	3	Elements of Accounting I
ACCT 201	3	Elements of Accounting II	ACCT 201	3	Elements of Accounting II
PSYC 111 OR	3	Introduction to Psychology	PSYC 111 or	3	Introduction to Psychology
SOC 110	3	Introduction to Sociology	SOC 110	3	Introduction to Sociology

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree **Bachelor of Business Administration** Major: **MANAGEMENT**

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CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
ECON 202	3 Principles of Macroeconomics (Q)	ECON 202	3 Principles of Macroeconomics
POLS 115	3 American Government	POLS 115	3 American Government I
PSYC 111	3 Introduction to Psychology	PSYC 111	3 Introduction to Psychology
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
Lab Science	4 Lab Science Course	Lab Science	4 Lab Science Course
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
MATH 210	3 Elementary Statistics (Q)	ECON 210	3 Intro to Business & Econ Statistics
No equivalent	- No equivalent at CCCC	MATH 146	3 Applied Calculus I
<u>Other Program Requirements</u>			
ACCT 200	3 Elements of Accounting I	ACCT 200	3 Elements of Accounting I
ACCT 201	3 Elements of Accounting II	ACCT 201	3 Elements of Accounting II
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree **Bachelor of Business Administration** Major: **MARKETING**

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CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
ECON 202	3 Principles of Macroeconomics (Q)	ECON 202	3 Principles of Macroeconomics
POLS 115	3 American Government	POLS 115	3 American Government I
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
Lab Science	4 Lab Science Course	Lab Science	4 Lab Science Course
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
MATH 210	3 Elementary Statistics (Q)	ECON 210	3 Intro to Business & Econ Statistics
No equivalent	- No equivalent at CCCC	MATH 146	3 Applied Calculus I
<u>Other Program Requirements</u>			
ACCT 200	3 Elements of Accounting I	ACCT 200	3 Elements of Accounting I
ACCT 201	3 Elements of Accounting II	ACCT 201	3 Elements of Accounting II
PSYC 111 or	3 Introduction to Psychology	PSYC 111 or	3 Introduction to Psychology
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science

Major: MATHEMATICS

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UND's Mathematics Department strongly advises all students taking a number of math classes or majoring in math to take UND's Math Placement Exam or consult with a UND adviser to help determine the best starting point to UND's Math curriculum.

CCCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 110	3	Public Speaking (O)	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 120	3	College Composition II
<u>II. Social Science - SS</u>					
Elective Credit	9	Social Science Elective Credit	Elective Credit	9	Social Science Elective Credit
<u>III. Arts and Humanities - FA/HUM</u>					
Elective Credit	9*	Credit from at least two depts.	Elective Credit	9*	Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities					
<u>IV. Mathematics, Science & Technology - MST</u>					
Lab Science	4	Lab Science Course	Lab Science	4	Lab Science Course
No equivalent	-	No equivalent at CCCC	MATH 165	4	Calculus I
No equivalent	-	No equivalent at CCCC	MATH 166	4	Calculus II
<u>Other Program Requirements</u>					
CSCI 122	3	Visual Basic	CSCI 120	3	Computer Programming I
ENGL 125	3	Introduction to Professional Writing	ENGL 125	3	Technical & Business Writing

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree **Bachelor of Science in Mechanical Engineering** Major: **MECHANICAL ENGINEERING**

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 3411 or 777-3411

Middle level majors must choose an additional 40 credits of work in two subject areas that are normally included in middle school curriculum (Science, Math, English, PE). This must include at least 18 credits in each subject area.

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II or
ENGL 125	3 Intro to Professional Writing	ENGL 125	3 Technical & Business Writing
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
Elective Credit	6 Credit from at least two depts.	Elective Credit	6 Credit from at least two depts.
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 122/L	3/1 General Chemistry II/Lab (Q)	CHEM 122/L	3/1 General Chemistry II/Lab

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science in Education

Major: MIDDLE/JR HS EDUCATION

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 3183 or 777-3183

Middle level majors must choose an additional 40 credits of work in two subject areas that are normally included in middle school curriculum (Science, Math, English, PE). This must include at least 18 credits in each subject area.

CCCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 110	3	Public Speaking (O)	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 120	3	College Composition II
<u>II. Social Science - SS</u>					
Elective Credit	3	Non-Psychology Elective Credit	Elective Credit	3	Non-Psychology Elective Credit
PSYC 111	3	Introduction to Psychology	PSYC 111	3	Introduction to Psychology
PSYC 250	4	Developmental Psychology	PSYC 250	4	Developmental Psychology
<u>III. Arts and Humanities - FA/HUM</u>					
Elective Credit	3	Fine Arts Elective Credit	Elective Credit	3	Fine Arts Elective Credit
HIST 103	3	U. S. History to 1877	HIST 103	3	United States to 1877
HIST 104	3	U. S. History Since 1877	HIST 104	3	United States since 1877
<u>IV. Mathematics, Science & Technology - MST</u>					
Elective Credit	5	Credit from at least two depts.	Elective Credit	5	Credit from at least two depts.
Lab Science	4	Lab Science Course	Lab Science	4	Lab Science Course

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science in Nursing

Major: NURSING

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 4174 or 777-4174

129 credits are required to graduate with a BSN from UND.

* Both BIOL 220/L and 221/L must be completed in order to be accepted for ANAT 204/204L and PPT 301.

++ Review of syllabus is required

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
PSYC 111	3 Introduction to Psychology	PSYC 111	3 Introduction to Psychology
PSYC 250	3 Developmental Psychology	PSYC 250	4 Developmental Psychology
PSYC 270	3 Abnormal Psychology	PSYC 270	3 Abnormal Psychology
SOC 110 or	3 Introduction to Sociology	SOC 110 or	3 Introduction to Sociology
SOC 115	3 Social Problems	SOC 115	3 Social Problems
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
BIOL 220/L	4 Anatomy & Physiology I/Lab ++	ANAT 204/L	3/2 Anatomy for Paramedical Personnel/Lab
BIOL 221/L	4 Anatomy & Physiology II/Lab ++	PPT 301	4 Human Physiology
CHEM 115/L or	3/1 Introductory Chemistry/Lab ++	CHEM 115/L or	3/1 Introductory Chemistry/Lab
CHEM 121/L	3/1 General Chemistry I/Lab (Q) ++	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 116/L	3/1 Intro to Organic & Biochem/Lab (Q) ++	CHEM 116/L	3/1 Intro to Organic & Biochem/Lab
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
MATH 210	3 Statistics (Q) ++	SOC 326	3 Sociological Statistics
NUTR 240	3 Principles of Nutrition	NUTR 240	3 Fundamentals of Nutrition

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Arts

Major: POLITICAL SCIENCE

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2749 or 777-2749

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
ECON 202	3 Principles of Macroeconomics (Q)	ECON 202	3 Principles of Macroeconomics
POLS 115	3 American Government I	POLS 115	3 American Government I
POLS 116	3 State and Local Government	POLS 116	3 State and Local Government
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
ECON 210	3 Intro to Business & Economic Statistics	MATH 210	3 Elementary Statistics
Elective Credit	2 Elective Credit	Elective Credit	2 Elective Credit
Lab Science	4 Lab Science Course	Lab Science	4 Lab Science Course

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Pre-Professional Studies

Major: Pre-Prof for (DENTAL, MEDICAL,
OPTOMETRY, VETERINARY)

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Students planning a professional program in the health sciences should call UND's Health Science adviser at the number above, and also access the UND web page: www.und.nodak.edu (Under A-Z Index, click on "P" for Pre-Health and other headings.)

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
Elective Credit	3 Social Science Elective Credit	Elective Credit	3 Social Science Elective Credit
PSYC 111	3 Introduction to Psychology	PSYC 111	3 Introduction to Psychology
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
BIOL 150/L	3/1 General Biology I/Lab	BIOL 150/L	3/1 General Biology I/Lab
BIOL 151/L	3/1 General Biology II/Lab	BIOL 151/L	3/1 General Biology II/Lab
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 122/L	3/1 General Chemistry II/Lab (Q)	CHEM 122/L	3/1 General Chemistry II/Lab
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Arts

Major: PSYCHOLOGY

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2749 or 777-2749

The Bachelor of Arts (BA) degree requires an additional 8 credits in Humanities.

The Bachelor of Science (BS) degree requires an additional 8 credits in Science.

CCCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 110	3	Public Speaking (O)	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 120	3	College Composition II
<u>II. Social Science - SS</u>					
Elective Credit	3	Non-Psychology Elective Credit	Elective Credit	3	Non-Psychology Elective Credit
PSYC 111	3	Introduction to Psychology	PSYC 111	3	Introduction to Psychology
PSYC 250	4	Developmental Psychology	PSYC 250	4	Developmental Psychology
<u>III. Arts and Humanities - FA/HUM</u>					
Elective Credit	9*	Credit from at least two depts.	Elective Credit	9*	Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities					
<u>IV. Mathematics, Science & Technology - MST</u>					
BIOL 150/L	3/1	General Biology I/Lab	BIOL 150/L	3/1	General Biology I/Lab
BIOL 151/L	3/1	General Biology II/Lab	BIOL 151/L	3/1	General Biology II/Lab
Elective Credit	1	Elective Credit	Elective Credit	1	Elective Credit
MATH 103	3	College Algebra (Q)	MATH 103	3	College Algebra
<u>Other Recommended</u>					
PSYC 270	3	Abnormal Psychology	PSYC 270	3	Abnormal Psychology

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree **Bachelor of Science in Public Administration**

Major: **PUBLIC ADMINISTRATION**

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2975 or 777-2975

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics (Q)	ECON 201	3 Principles of Microeconomics
ECON 202	3 Principles of Macroeconomics (Q)	ECON 202	3 Principles of Macroeconomics
POLS 115	3 American Government	POLS 115	3 American Government I
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
Lab Science	4 Lab Science Course	Lab Science	4 Lab Science Course
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
MATH 210	3 Elementary Statistics (Q)	ECON 210	3 Intro to Business & Econ Statistics
<u>Other Program Requirements</u>			
ACCT 200	3 Elements of Accounting I	ACCT 200	3 Elements of Accounting I
ACCT 201	3 Elements of Accounting II	ACCT 201	3 Elements of Accounting II
POLS 116	3 State and Local Government	POLS 116	3 State and Local Government

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science in Education

Major: SCIENCE

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 3183 or 777-3183

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
Elective Credit	9 Credit from at least two depts.	Elective Credit	9 Credit from at least two depts.
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
BIOL 150/L	3/1 General Biology I/Lab	BIOL 150/L	3/1 General Biology I/Lab
BIOL 151/L	3/1 General Biology II/Lab	BIOL 151/L	3/1 General Biology II/Lab
CHEM 121/L	3/1 General Chemistry I/Lab (Q)	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 122/L	3/1 General Chemistry II/Lab (Q)	CHEM 122/L	3/1 General Chemistry II/Lab
<u>Other Program Requirements</u>			
GEOG 121/L	3/1 Physical Geography/Lab (Q)	GEOG 121/L	3/1 Physical Geography/Lab
No equivalent	- No equivalent at CCCC	MATH 165	4 Calculus I
No equivalent	- No equivalent at CCCC	MATH 166	4 Calculus II

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science in Education

Major: SOCIAL STUDIES

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 3183 or 777-3183

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
POLS 115	3 American Government	POLS 115	3 American Government I
POLS 116	3 State and Local Government	POLS 116	3 State and Local Government
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	3 Fine Arts Elective Credit	Elective Credit	3 Fine Arts Elective Credit
HIST 101	3 Western Civilization I	HIST 101	3 Western Civilization I
HIST 102	3 Western Civilization II	HIST 102	3 Western Civilization II
HIST 103	3 U. S. History	HIST 103	3 United States to 1877
HIST 104	3 U. S. History	HIST 104	3 United States since 1877
<u>IV. Mathematics, Science & Technology - MST</u>			
Elective Credit	2 Credit from at least two depts.	Elective Credit	2 Credit from at least two depts.
Lab Science	4 Lab Science Course	Lab Science	4 Lab Science Course
MATH 210	3 Elementary Statistics (Q)	ECON 210	3 Intro to Business & Econ Statistics

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

Additional classes will be required to earn the above degree; A minimum of 125 credits is required to graduate from UND. Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Science in Social Work Major: SOCIAL WORK

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 3770 or 777-3770

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
POLS 115	3 American Government	POLS 115	3 American Government I
PSYC 111	3 Introduction to Psychology	PSYC 111	3 Introduction to Psychology
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
BIOL 111/L	3/1 Concepts of Biology	BIOL 111/L or	3/1 Concepts of Biology
BIOL 150/L	3/1 General Biology I/Lab	BIOL 150/L and	3/1 General Biology I/Lab
BIOL 151/L	3/1 General Biology II/Lab	BIOL 151/L	3/1 General Biology II/Lab
Elective Credit	8 Credit from at least two depts.	Elective Credit	8 Credit from at least two depts.
<u>Other Program Requirements</u>			
-	- A statistics course is required	Statistics	- A statistics course is required
SWK 255	4 Social Work in Modern Society	SWK 255	4 Intro to Social Work
SWK 257	3 Human Behav Social Environ	SWK 257	3 Human Behav Social Environ

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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Articulation Agreement

University of North Dakota and Cankdeska Cikana Community College

Year: 2009-2011

Fort Totten, ND

Degree Bachelor of Arts

Major: SOCIOLOGY

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 2749 or 777-2749

CCCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 110	3 Public Speaking (O)	COMM 110	3 Fundamentals of Public Speaking
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120	3 College Composition II	ENGL 120	3 College Composition II
<u>II. Social Science - SS</u>			
Elective Credit	3 Non-Sociology Elective Credit	Elective Credit	3 Non-Sociology Elective Credit
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology
SOC 115	3 Social Problems	SOC 115	3 Social Problems
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*must include 3 credits designated as Fine Arts and 3 credits designated as Humanities			
<u>IV. Mathematics, Science & Technology - MST</u>			
Elective Credit	2 Elective Credit	Elective Credit	2 Elective Credit
Lab Science	4 Lab Science Course	Lab Science	4 Lab Science Course
MATH 103	3 College Algebra (Q)	MATH 103	3 College Algebra
<u>Other Program Requirements</u>			
Elective Credit	- Minor in another department	Elective Credit	- Minor in another department

When choosing your Essential Studies (General Education) Courses in Communication, Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to www.und.nodak.edu/dept/registrar/EssentialStudies/esindex.html or check with your adviser.

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University of North Dakota

Essential Studies Program

“Liberal learning for the 21st century”

(The Essential Studies program replaced the
general education requirement starting Fall, 2008)

Contact Information

Tom Steen, Director
Sandy Brown, Administrative Secretary

The Office of Essential Studies
O’Kelly Hall 113 – Stop 7310
701.777.4434

(thomassteen@mail.und.edu or sandrabrown@mail.und.edu)

UND's Essential Studies

Highlights of Changes from the old GER

- Re-focused student and faculty attention on student learning as the primary outcome of general education. Move away from emphasis on "getting your GER's out of the way" and "get through your generals as soon as you can," and upgrade campus vision of a general education that matters.
 - Distribution requirement for "breadth of knowledge" across the disciplines was modified. Continues to fit within the state system (NDUS) requirements.
 - "Special Emphasis" study added to address campus concerns about specific weaknesses in student learning or to upgrade study in response to national calls for improving college education. The SE requirements lead to focused study in: advanced communication, oral communication, quantitative reasoning, U.S. diversity, and global diversity
 - Added ES capstone course, required for all students, including transfers. Culminating study aimed at two of the ES student learning goals.
-
- New name—Essential Studies—selected to increase awareness of liberal learning as a valuable and critical part of college education. Also to draw attention to the University's increased effort toward "stepping up" students' work in general education.
 - Initiated an administrative "home" for the program—the Office of Essential Studies. Staffed by a faculty director and an administrative secretary (both halftime, 9 mos.). Functions as administrative partner to the faculty-driven curriculum unit—the Essential Studies Committee (duties unchanged; membership increase pending).

Essential Studies Program – University of North Dakota

The Goals of Essential Studies

UND undergraduates take a number of Essential Studies courses out of the conviction that citizenship in a complex world demands a breadth of knowledge and a wide range of intellectual skills. You are likely to encounter shifting conditions and challenges over the next 50 or more years. This knowledge and these skills will prepare you for a satisfying and effective professional and personal life, and participation in the public life of your community.

▪ **Thinking and Reasoning**

You should be able to use a variety of thinking and reasoning skills, apply these skills as appropriate in various situations, and move among them depending on purpose.

Rationale: The ability to call on a variety of thinking and reasoning skills and choose among them in order to accomplish a range of civic, professional, and personal tasks is a core hallmark of an educated person. By the time you complete your ES courses, you will have encountered opportunities to practice various kinds of thinking and reasoning skills, including critical thinking, quantitative reasoning, and creative thinking.

▪ **Communication**

You should be able to write and speak in civic, academic, and professional settings with a sense of purpose and audience.

Rationale: Communicating skillfully involves learning the conventions associated with writing and speaking and learning to write and to speak clearly to diverse audiences.

▪ **Information Literacy**

You should be able to access and evaluate information for effective, efficient, and ethical use in a variety of contexts.

Rationale: Information comes from many different sources, appears in many different formats, and is used for varied purposes. It is important to be able to access information, understand factors that influence its creation and application, and use it effectively and appropriately.

▪ **Diversity**

You should be able to demonstrate understanding of social-cultural diversity and use that understanding to address issues, solve problems, and shape civic, personal, and professional behavior.

Rationale: Because the United States is becoming a more diverse society in a multicultural world, it is important to understand and appreciate social and cultural differences; given the North Dakota Century Code designation of a special mission for UND in education about American Indian cultures and histories, it is especially appropriate for students to consider courses in that area.

UND's Essential Studies Program (2009-10)
Summary of Requirements

Total Credits Required = 39 (36 + 3 for Capstone)

- I. "Breadth of Knowledge" (Distribution Across the Disciplines)
36 credits--from four broad areas of study. In each area of study, your classes must be taken in two or more different departments
- 9 ▪ Communication—at least 6 credits in written comm.
 - 6 ▪ Arts & Humanities—at least 3 cr. each in Fine Arts and Humanities
 - 6 ▪ Social Sciences --
 - 8 ▪ Math, Science & Technology—including at least 4 cr. in science with a lab
- II. Special Emphasis Courses – for focused learning
18 credits in specially designated courses. These courses may be "embedded" in the 36 credits distributed in the 4 categories above
- Quantitative reasoning (3 cr.)
 - Advanced communication (3 cr.; 200-level or higher)
 - Oral communication (3 cr.)
 - U.S. social-cultural diversity (3 cr.)
 - Global social-cultural diversity (3 cr.)
- III. Capstone Course – for culmination of liberal learning
3 credits in an upper division Essential Studies capstone course-- requirement for all UND students, including those who have transferred. Departments may offer an ES capstone in their majors; other capstone courses are open to students from all majors.

Essential Studies—A Critical Part of the UND Undergraduate Experience

Essential Studies (ES) is the academic core of your university experience. The courses offered in the ES curriculum provide broad and diverse perspectives on how human beings think and feel, solve problems, express ideas, and create and discover new knowledge. These courses also help you acquire essential intellectual skills: they challenge you to think critically and creatively, reason using numbers and charts, communicate effectively both orally and in writing, find and evaluate information from various kinds of sources, and increase your understanding of the role of diversity in a complex world.

For more information: www.und.edu/dept/Registrar/EssentialStudies. Or contact: Tom Steen-Director of Essential Studies (701-777-4434; thomassteen@mail.und.edu) or Mary Coleman, Chair, ES Committee (Sch. of Medicine & Health Sciences, 701-777-2634/2652; mcoleman@medicine.nodak.edu).

The University of North Dakota's
Path to "Essential Studies"

Three Catalysts

Primary factors that triggered UND to reform general education)

1. Discouraging student perceptions of their GE experience at UND: unclear, unfocused, and misunderstood (Source: UND's General Education Longitudinal Study)
2. Dissatisfaction with instructors' awareness of how their GE courses ought to contribute to the GE Requirement: unclear, disconnected to GE goals (Source: GER Committee)
3. Criticism of UND's work in campus assessment of student learning, with particular reference to GE and to direct assessment (Source: Higher Learning Commission—North Central Accreditation review)

Key Events and Activities in the Process

(Chronology of UND's Review and Revision of GE)

- 2004, May -- "Newport Group" attends AAC&U Summer GE Institute and develops a plan for the review; becomes the GE Steering Committee
- 2005-07 -- GE Task Force appointed (25 members). Studies, reviews and revises, holds "GE Summit" events, visits departments/groups
- 2007, Spring term -- GETF develops and proposes new "Essential Studies" program; holds campus forums, visits Student Government and University Senate
- 2007, May -- new ES program endorsed by Student Government and approved by the GER Committee and the Senate
- 2007-08 -- ES Transition Team plans for implementation of new program; also shares new program in campus events and workshops; faculty develop model ES courses
- 2007-present -- GER Committee (now renamed ES Committee) develops and applies new ES criteria in validations and revalidations
- 2008, August -- Provost appoints ES Director (faculty; half-time)
- 2008, Fall term -- ES program implemented for new Freshman students
- 2008, September -- UND receives national "Improvement in General Education" award, given by the Association for General & Liberal Studies (AGLS)
- 2009, Fall term -- ES program implemented for new transfer students. Office of Essential Studies opens.

University of North Dakota
Essential Studies Scoring Guide for Critical Thinking

	2	1	0
<i>Knowledge and Comprehension</i>	<ul style="list-style-type: none"> Fully comprehends the question, problem or issue to be addressed. Consistently demonstrates clear, accurate, detailed and comprehensive understanding of the facts, data, evidence, theories, techniques and/or procedures relevant to the question, problem or issue. 	<ul style="list-style-type: none"> Partial comprehension of the question, problem or issue to be addressed. Demonstrates partial understanding of the facts, data, evidence, theories, techniques and/or procedures relevant to the question, problem or issue. 	<ul style="list-style-type: none"> Inadequate comprehension of the question, problem, or the issue to be addressed. Insufficient understanding of the facts, data, evidence, theories, techniques and/or procedures relevant to the question, problem or issue.
<i>Analysis and Synthesis</i>	<ul style="list-style-type: none"> Disassembles and reassembles relevant information in an accurate, critically-oriented way to make predictions, recognize hidden meanings, draw inferences, and/or analyze problems. Demonstrates a logical progression of ideas throughout the analysis and synthesis of the question, issue, or problem. 	<ul style="list-style-type: none"> Attempt to disassemble and reassemble information is significant, but is not completed in a fully accurate, critical or deep way. Progression of ideas does not fully unfold in a logical manner, or the ideas presented are not well-structured in relation to one another. 	<ul style="list-style-type: none"> Synthesis of information is superficial, lacking accuracy, critical assessment and/or depth or is absent. Attempt to disassemble and reassemble information is absent or executed poorly. Logical progression of ideas is minimal or absent and attempts to prioritize information are inadequate.
<i>Evaluation and Conclusions</i>	<ul style="list-style-type: none"> A logical argument is clearly articulated with valid and relevant supporting information and conclusions. The evaluation includes realistic, insightful or alternative solutions and/or broader implications. 	<ul style="list-style-type: none"> The argument is partially resolved; some gaps exist in supporting information and conclusion/s. The evaluation poses solutions and/or broader implications that may be simplistic or slightly unrealistic. 	<ul style="list-style-type: none"> The argument is not resolved; supporting information and conclusions are minimal or absent. Evaluation of the solutions or broader implications is minimal or absent; or the solutions/implications may be inappropriate.

Spring 2008

University of North Dakota Essential Studies Scoring Guide for Quantitative Reasoning

Objectives	Unsatisfactory 1	Developing 2	Accomplished 3
Confidence with mathematics: comfortable with quantitative ideas and at ease in applying quantitative methods	Student shows signs of reluctance to use quantitative analysis	Student uses quantitative analysis but may be uncomfortable doing so and doesn't always get correct results	Student is comfortable with quantitative ideas and at ease with quantitative methods and uses them correctly
Interpreting data: ability to reason with data, read graphs or maps, draw inferences, and recognize sources of errors	Interpretation of data is absent or incorrect	Interpretation of data contains some critical elements and relevant details, but some irrelevant information may also be included	Interpretation of data contains most or all critical elements and relevant details with no irrelevant data
Problem solving in context: uses appropriate mathematical and numerical tools to solve discipline specific problems	Unable to identify or apply appropriate mathematical or numerical tools to solve problems	Shows some ability to identify or apply appropriate mathematical or numerical tools to solve problems	Competently identifies and applies appropriate mathematical or numerical tools to solve problems
Number sense: ability to recognize whether or not proposed solutions are reasonable in context	Fails to recognize when proposed solutions are unreasonable	Recognizes when proposed solutions are unreasonable, but is unable correct them	Recognizes when proposed solutions are unreasonable and is able to correct them
Technology: uses appropriate calculator/computer technology to solve problems	Does not choose an appropriate technology	Chooses an appropriate technology but does not execute appropriate steps	Chooses an appropriate technology and implements most or all of the appropriate steps