Articulation Agreement

University of North Dakota and Adirondack Community College Queensbury, NY

Year: 2009-2011 **Degree:** Bachelor of Science in Chemical Engineering **Major:** Chemical Engineering

The following information pertains to the 2009-2011 UND CATALOG - Students satisfactorily completing the NWC 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 (701) 777-2749.

133 credits are required to graduate with a Chemical Engineering degree from UND.

**EGR 105, 106, and 204 must all be taken to replace UND's PHYS 251/L and 252/L.

ACC		Course/Credits/Title	UND		Course/Credits/Title
I. Communication- COM					
ENG 101	3	Intro to College Writing	ENGL 110	3	College Composition I
ENG 102 or	3	Academic Writing	ENGL 120	3	College Composition II
ENG 110	3	Elements of Technical Writing	ENGL 125	3	Tech. & Business Writing
II. Social Science - SS					
ECO 202	3	Principles of Econ II - Micro (Q)	ECON 201	3	Principles of Microeconomics
Elective Credit	6	Credit from two areas	Elective Credit	6	Credit from two areas
III. Arts and Humanities- FA/HUM					
Elective Credit	9*	Credit from two depts.	Elective Credit	9*	Credit from two depts.
* must include 3 credits designated as Fine Arts and 3 credits designated as Humanities					
* must include 3 credits of ethics					
IV. Mathematics, Science & Technology - MST					
CHM 111	4	General Chemistry I (Q)	CHEM 121/L	3/1	General Chemistry I
CHM 112	4	General Chemistry II Q)	CHEM 122/L	3/1	General Chemistry II
MAT 131	4	Calculus I	MATH 165	4	Calculus I
MAT 132	4	Calculus II	MATH 166	4	Calculus II
MAT 231	4	Calculus III	MATH 265	4	Calculus III
MAT 232	4	Differential Equations & Series	MATH 266	3	Elementary Differential Equations
**EGR 105	4	Engineering Physics I (Q)	PHYS 251/L	3/1	University Physics I/L
**EGR 106	4	Engineering Physics II	PHYS 252/L	3/1	University Physics II/L
**EGR 204	4	Engineering Physics III			
Major Requirements					
EGR 207	3	Mechanics I: Statics	ENGR 201	3	Statics
EGR 222	4	Electrical Circuit Theory	E E 206/306	3	Circuit Analysis/Lab
CHM 203 and	4	Organic Chemistry I and	CHEM 240/L	4	Survey of Organic Chemistry
CHM 204	4	Organic Chemistry II			

When choosing your **Essential Studies (General Education)** Courses in Communication, Arts & Humanities, Social Science, and Math, Science & 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 NWC 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.

June 14, 2010