

Articulation Agreement

University of North Dakota and Schreiner University

Kerrville, TX

Degree: Bachelor of Science in Electrical Engineering

Major: ELECTRICAL ENGINEERING

The following information was updated according to the 2015-2017 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Essential Studies equivalencies, courses, and major requirements may change. An official evaluation of transfer credit will be done upon admission to the university. Transfer credits will be evaluated and applied according to the current catalog and the approved Essential Studies list at the first semester of enrollment at UND.

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.

SU	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
COMM 2301	3 Communication	COMM 110	3 Fundamentals of Public Speaking
ENGL 1301	3 Rhetoric and Composition	ENGL 110	3 College Composition I
ENGL 3303	3 Technical Communication	ENGL 130	3 College Comp II: Writing for Public Audiences
<u>II. Social Science - SS</u>			
Elective Credit	3 Elective Credit	Elective Credit	3 Elective Credit
No Equivalent	3 Must be taken at UND	ENGR 460	3 Engineering Economics
No Equivalent	3 Must be taken at UND	ChE 340	3 Professional Integrity in Engineering
<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	3 Basic/Applied Science Elective
CHEM 1301/1101	4 General Chemistry I/Lab	CHEM 121/L	3/1 General Chemistry I
CHEM 1302/1102	4 General Chemistry II/Lab	CHEM 122/L	3/1 General Chemistry II
MATH 2422	4 Calculus I	MATH 165	4 Calculus I
MATH 2423	4 Calculus II	MATH 166	4 Calculus II
<u>Other Program Requirements</u>			
MATH 3324	3 Calculus III	MATH 265	4 Calculus III
MATH 3425	3 Differential Equations	MATH 266	3 Intro to Differential Equations
PHYS 2425	4 University Physics I	PHYS 251	4 University Physics I
PHYS 2426	4 University Physics II	PHYS 252	4 University Physics II

ENGR 3310	3	Engineering Statics	ENGR 201	3	Statics (Non-EE elective)
ENGR 1301	3	Intro to Engineering	EE 101	1	Intro to Electrical Engineering
No Equivalent	2	Must be taken at UND	EE 309	2	Junior Laboratory II
No Equivalent	2	Must be taken at UND	EE 308	2	Junior Laboratory I
No Equivalent	3	Must be taken at UND	EE 304	3	Comp Aided Measures and Controls
No Equivalent	2	Must be taken at UND	EE 201	2	Intro to Digital Electronics
No Equivalent	1	Must be taken at UND	EE 202	1	Digital Logic Lab
No Equivalent	3	Must be taken at UND	EE 206	3	Circuit Analysis
No Equivalent	1	Must be taken at UND	EE 307	1	Circuits Laboratory II
No Equivalent	3	Must be taken at UND	EE 313	3	Linear Electric Circuits
No Equivalent	3	Must be taken at UND	EE 321	3	Electronics I
No Equivalent	1	Must be taken at UND	EE 306	1	Circuit Laboratory I
No Equivalent	3	Must be taken at UND	EE 318	3	Engineering Data Analysis
No Equivalent	3	Must be taken at UND	EE 316	3	Electric and Magnetic Fields
No Equivalent	3	Must be taken at UND	Elective Credit	3	Electrical Engineering Elective
No Equivalent	6	Must be taken at UND	Elective Credit	6	Non-EE Elective
No Equivalent	2	Must be taken at UND	MATH 207	2	Introduction to Linear Algebra
No Equivalent	6	Must be taken at UND	Elective Credit	6	Non-EE Elective

A complete list of approved Essential Studies courses can be found online at <http://und.edu/academics/essential-studies/approved-courses.cfm>

When choosing your Essential Studies (General Education) Courses in Communication, Fine Arts and 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 <http://und.edu/academics/essential-studies> 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. A complete listing of program requirements can be found in the [Academic Catalog](#) and [Four Year Plans](#).

Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.