

**University of North Dakota
Electrical Engineering Status Sheet**

If transfer student,
transferred from _____

Name _____ Advisor _____ Year Started _____

Fall - Year 1

EE	101	Intro to Electrical Engr.*	1	_____	_____
Chem	121	General Chemistry I	3	_____	_____
Chem	121L	General Chemistry Lab	1	_____	_____
Math	165	Calculus I	4	_____	_____
Engl	110	Composition I	3	_____	_____
Econ	201	Prin. Of Micro-Econ.	3	_____	_____
_____	_____	Arts & Humanities**	3	_____	_____
			<u>18</u>		

Spring - Year 1

EE	201	Intro to Digital Electronics	2	_____	_____
EE	202	EE Laboratory	1	_____	_____
Engr	101	Graphical Communication	3	_____	_____
Engr	201	Statics	3	_____	_____
Math	166	Calculus II	4	_____	_____
_____	_____	Arts & Humanities**	3	_____	_____
_____	_____			_____	_____
			<u>16</u>		

Fall - Year 2

EE	206	Circuit Analysis	3	_____	_____
EE	304	Computer Aided Meas.	3	_____	_____
EE	306	Circuits Laboratory I	1	_____	_____
Math	265	Calculus III	4	_____	_____
Phys	251	University Physics I	4	_____	_____
Engl	125	Intro to Prof. Writing	3	_____	_____
			<u>18</u>		

Spring - Year 2

EE	307	Circuits Laboratory II	1	_____	_____
EE	313	Linear Electric Circuits	3	_____	_____
EE	452	Microprocessor Hardware	3	_____	_____
Math	266	Elem. Diff. Equations	3	_____	_____
Phys	252	University Physics II	4	_____	_____
_____	_____	Engineering Science ¹	3	_____	_____
			<u>17</u>		

Fall - Year 3

EE	308	Electronics Laboratory I	2	_____	_____
EE	314	Signals and Systems	3	_____	_____
EE	316	E & M Fields	4	_____	_____
EE	318	Engr. Data Analysis	3	_____	_____
EE	321	Electronics I	3	_____	_____
Math	_____	Math Elective ⁵	3	_____	_____
			<u>18</u>		

Spring - Year 3

EE	401	Electric Drives	3	_____	_____
EE	403	Controls Laboratory	1	_____	_____
EE	405	Controls Systems I	3	_____	_____
EE	409	Distributed Networks	2	_____	_____
EE	421	Electronics II	3	_____	_____
EE	425	Electronics Laboratory II	1	_____	_____
EE	_____	Elective ²	3	_____	_____
			<u>16</u>		

Fall - Year 4

EE	480	Senior Design I ⁴	3	_____	_____
EE	_____	Elective ²	3	_____	_____
_____	_____	Technical Elective ³	3	_____	_____
_____	_____	Engineering Science ¹	3	_____	_____
Phys	253	University Physics III	4	_____	_____
_____	_____	Social Science**	3	_____	_____
			<u>19</u>		

Spring - Year 4

EE	481	Senior Design II ⁶	3	_____	_____
EE	_____	Elective ²	3	_____	_____
_____	_____	Technical Elective ³	3	_____	_____
Phil	370	Ethics in Engr. & Science	3	_____	_____
_____	_____	Social Science**	3	_____	_____
			<u>15</u>		

Total 137 Credits

- * May be waived for transfer students (substitute science credit required).
- ** Includes a **World Cultures** course. Refer to the University of North Dakota Undergraduate Bulletin for listing of acceptable courses under General Education Requirements for engineering students.
- [1] ME 301(Materials Science), ME 306 (Fluid Mechanics), Engr 203 (Mechanics of Materials), ME341(Thermodynamics), Engr. 202 (Dynamics).
- [2] Maximum of 3 credits of EE490 including technical electives.
- [3] Approved (by advisor) courses in Engineering (including EE), Math, Computer Science, or Physics. Normally 300 level or higher. CS260, Math208, and CS242 are permitted. Coop is applied toward the technical electives only; **6 credits max.**
- [4] Prerequisites: Three courses out of EE405, EE 409, EE421, EE452, EE Elective.
- [5] Math 327 (Applied Linear Algebra), Math 352 (Advanced Engineering Math), Math 461 (Numerical Analysis I).
- [6] EE 481 will satisfy three credits of the GER Communication requirement.