

## B.S. in Electrical Engineering from UND and B.S. in Natural Sciences from York University

FIRST YEAR FALL	Credits	Taken	UND Course
MTH 214: Analytical Geometry & Calculus I	4	York	MATH 165
ENG 113: English Composition I	3	York	
BIO 154: College Biology I	4	York	
BIB 121: History of the New Testament	2	York	
YCS 101: Freshman Seminar	1	York	

SECOND YEAR FALL	Credits	Taken	UND Course
CHM 214: College Chemistry I	4	York	CHEM 121/L
MTH 334: Analytical Geometry & Calculus III	4	York	MATH 265
PHY 214: Introductory Physics I	4	York	PHYS 251
PNG 101: Introduction to Engineering	3	York	
BIB 132: History of the New Testament: Romans- Revelations	2	York	

THIRD YEAR FALL	Credits	Taken	UND Course
MTH 353: Linear Algebra	3	York	MATH 207
PHY 313: Modern Physics	3	York	Non-EE Elective
EE 201/L: Intro to Digital Electronics/Lab	3	UND	
EE 206/L: Circuit Analysis & Lab	4	UND	
ENGR 460: Engineering Economy	3	UND	

FOURTH YEAR FALL	Credits	Taken	UND Course
NSC 421: Natural Science Seminar	1	York	
EE 316: Electric and Magnetic Fields	3	York	
EE 304: Computer Aided Measurements & Control	3	UND	
EE 314/L: Signals and Systems & Lab	4	UND	
EE 321/L: Electronics I & Lab	4	UND	

FIRST YEAR SPRING	Credits	Taken	UND Course
MTH 224: Analytical Geometry & Calculus II	4	York	MATH 166
Approved Cultural Perspective	3	York	
ENGL 123: English Composition II	3	York	
BIB 232: History of the Old Testament	2	York	
Approved Communications Course	3	York	

SECOND YEAR SPRING	Credits	Taken	UND Course
MTH 343: Differential Equations	3	York	MATH 266
PHY 224: Introduction Physics II	4	York	PHYS 252
PHI 222: Philosophy of Living	2	York	
MTH 223: Elements of Statistics	3	York	
EE 101: Introduction to Electrical Engineering	1	UND	

THIRD YEAR SPRING	Credits	Taken	UND Course
Approved Artistic Appreciation & Expression	3	York	
Approved Literature Course	3	York	
Approved Non-EE Elective	3	UND	
ENGR 340: Professional Integrity in Engr.	3	UND	
EE 313/L: Linear Electric Circuits & Lab	4	UND	

FOURTH YEAR SPRING	Credits	Taken	UND Course
Upper Division BIB, DOC, MIN, or RHS	3	York	
EE401/L: Electric Drives & Lab	3	UND	
EE 421/L: Electronics II & Lab	4	UND	
EE 452/L: Embedded System & Lab	4	UND	
EE 405/L: Control Systems I & Lab	4	UND	

<b>FIFTH YEAR FALL</b>	Credits	Taken	UND Course
Upper Division BIB, DOC, MIN, or RHS	3	York	
EE 480: Senior Design I	3	UND	
EE 318: Engineering Data Analysis	3	UND	
Approved EE Elective	3	UND	
Approved EE Elective	3	UND	

<b>FIFTH YEAR SPRING</b>	Credits	Taken	UND Course
Approved Historical Foundations	3	York	
EE 481: Senior Design II	3	UND	
EE 409: Distributed Networks	3	UND	
Approved EE Elective	3	UND	
Approved EE Elective	3	UND	