

## B.S. in Mechanical Engineering from UND and B.S. in Natural Sciences from York College

FIRST YEAR FALL	Credits	Taken	UND Course
CHM 214: College Chemistry I	4	York	CHEM 121/L
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
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	
Approved Literature Course	3	York	
BIB 132: History of New Testament: Romans-Revelations	2	York	

THIRD YEAR FALL	Credits	Taken	UND Course
PHY 313: Modern Physics	3	York	
Artistic Appreciation & Expression	3	York	
ME 101: Intro to Mechanical Engineering	3	UND	
ENGR 201: Statics	3	UND	
ENGR 206: Fundamentals of Electrical Engineering	3	UND	

FOURTH YEAR FALL	Credits	Taken	UND Course
Upper Division BIB, DOC, MIN, or RHS	3	York	
ME 306: Fluid Mechanics	3	UND	
ME 301: Materials Science	3	UND	
ME 322: Design of Machinery	3	UND	
MATH 321: Applied Statistical Methods	3	UND	

FIRST YEAR SPRING	Credits	Taken	UND Course
MTH 224: Analytical Geometry & Calculus II	4	York	MATH 166
CHM 214: College Chemistry II	4	York	
ENGL 123: English Composition II	3	York	
BIB 232: History of the Old Testament	2	York	
COM 123: Intro to Communication	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	
Historical Foundations Course	3	York	
ENGR 200: Computer Applications in Engr.	2	UND	

THIRD YEAR SPRING	Credits	Taken	UND Course
Approved Cultural Perspective	3	York	
ME 201C: Student Design (Lecture)	1	UND	
ENGR 203: Mechanics of Materials	3	UND	
ENGR 202: Dynamics	3	UND	
ME 341: Thermodynamics	3	UND	
ENGR 340: Professional Integrity in Engr.	3	UND	

FOURTH YEAR SPRING	Credits	Taken	UND Course
Upper Division BIB, DOC, MIN, or RHS	3	York	
ME 474: Fundamentals of Heat and Mass Transfer	3	UND	
ME 323/L: Machine Component Design & Lab	3	UND	
ME 418: Manufacturing Processes	3	UND	
Technical Elective- Thermal Sciences	3	UND	

<b>FIFTH YEAR FALL</b>	Credits	Taken	UND Course
Human Behavior & Social Foundations	3	York	
ME 487: Engineering Design	2	UND	
ME 480: Mechanical Engr. Seminar	3	UND	
ENGR 460: Engineering Economy	3	UND	
Technical Elective- Mechanical Design	3	UND	
Technical Elective	3	UND	

<b>FIFTH YEAR SPRING</b>	Credits	Taken	UND Course
NSC Natural Science Seminar	3	York	
ME 488: Engineering Design	3	UND	
Tech Elective- Manufacturing & Materials	3	UND	
Technical Elective	3	UND	
Technical Elective	3	UND	
Technical Elective	3	UND	

<b>SUMMER LABS (ON UND CAMPUS)</b>	Credits	When to Take
ME 201CL: Student Design Lab	1	After Third Year Spring
ME 418L: Manufacturing Processes Lab	1	After Fourth Year Spring
ME 483: Mechanical Measurements Lab	3	After Fourth Year Spring

NOTES	*ENGL 110 and ENGL 130 requirements for Professional Degree Program will be waived per Mechanical Engineering department
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