HARDIN-SIMMONS UNIVERSITY

YEAR 1

Calculus 1 (4) *Trigonometry	Intro to Engineering (3) *Algebra	Physics 1 (4) - Calculus 1	Engineering Graphics (3) *Algebra	CORE: Written Comm (3)
Calculus 2 (4) *Calculus 1	Statics (3) *Calculus 1, Intro	Physics 2 (4) *Physics 1	General Electrical Engineering (3) *Calculus 1	CORE: Humanities (3)

YEAR 2

Calculus 3 (4) *Calculus 2	Dynamics (3) *Calculus 2, Statics	Chemistry 1 (3)	Applied Programming in Python (3)	CORE: Humanities (3)
Differential Equations (3) *Calculus 3	Solid Mechanics (3) *Calculus 2	Material Science (3) *Chemistry 1	Mechanical Computational Analysis (1)	CORE: Speech Comm (3)

YEAR 3

Fluids Mechanics (3) * Dynamics	Thermodynamics (3) *Calculus 2, Statics	Instrumentation & Controls (3) *Python, Graphics, Gen. Electrical	CORE: Humanities (3)	CORE: Physical Wellness (2)
Advanced Mechanics and Design (4) *Mechanics, Material Science	MENG Elective (3)	Heat Transfer (4) *Thermo, Fluids, DE	Statistical Methods (3) *Calculus 1	CORE: Humanities (3)

YEAR 4

ME Design 1 (3)	Vibrations & Kinematics (3) *Dynamics, DE	CORE: Social Science (3)	CORE: Humanities (3)	CORE: Social Science (3)
ME Design 2 (3) *Design 1	Upper-Level Math (3)	MENG Elective (3)	CORE: Social Science (3)	CORE: Humanities (3)

KEY

- Math/Science
- Engineering
- Computer Science
- Mechanical Engineering
- CORE
- * Course Pre-requisites
- \- Course co-requisites

Total Degree Hours: 125