

Technology & Design Teaching Minor

Required Courses – 29-35 Credits

- _____ ENG 1101 Engineering Analysis & Problem Solving (3) **or**
- _____ ENG 1001 Engineering Problem Solving (2) **and**
- _____ ENG 1100 Engineering Analysis (2)

- _____ ENG 1102 Engineering Modeling & Design (3)

- _____ ENG 2120 Statics – Strength of Materials (4) **or**
- _____ MEEM 2110 Statics (3) **and**
- _____ MEEM 2150 Mechanics of Materials (3)

- _____ ENG 3200 Thermo/Fluid Mechanics (4) **or**
- _____ MEEM 2200 Thermodynamics (3) **and**
- _____ MEEM 3210 Fluid Mechanics (3)

- _____ ENG 4510 Sustainable Futures I (3) **or**
- _____ CE 3501 Environmental Engineering Fundamentals (3) **or**
- _____ CE 3503 Environmental Engineering (3)

- _____ EE 3010 Instrumentation & Circuits (3) **or**
- _____ EE 2110 Electric Circuits (3)

- _____ SS 2800 Science, Technology & Soc. (3)

- _____ ENT 2964 Machine Tool Fundamentals and Applications (1)

- _____ ENT 3972 Practical Electronic Circuit Design and Fabrication (1)

- _____ MEEM 2500 Integrated Design & Manufacturing (4) **or**
- _____ CE 3332 Fundamentals of Construction Engineering (3) **or 3 credits from**
- _____ ENT 3957 Product/Process Development I (1) **and/or**
- _____ ENT 3964 Project Management (1) **and/or**
- _____ ENT 3966 Design for Manufacturing (1) **and/or**
- _____ ENT 3969 Project Phases of Design and Implementation (1)

- _____ ENG 4160 Teaching Methods in Technology and Design (1)