

EMET Prerequisites List

MATH 081*

Prerequisite: MATH 04 or placement

EET 105 Electrical Systems

Prerequisite: MATH 021 or greater placement

MATH 082*

Prerequisite: MATH 081

MCH T 111 Mechanics for Technology: Statics*

Prerequisite: MATH 026 or MATH 081

CMPET 117 Digital Electronics*

Prerequisite and/or concurrent: EET 105

CMPET 120 Digital Electronics Laboratory*

Concurrent: EET 105 CMPET 117

MATH 083*

Prerequisite: MATH 082

EGT 114 Spatial Analysis and CAD

Prerequisite: EDSGN 100

EET 114 ELECTRICAL CIRCUITS II*

Prerequisite: EET 105, MATH 026

EET 118 Electrical Circuits Laboratory II*

Prerequisite: EET 105

Concurrent: EET 114

EMET 222 Mechanics for Technology*

Prerequisite: MCH T 111

Concurrent: MATH 083 or MATH 140

EMET 225 Mechanics for Technology*

Prerequisite: MCH T 111, and MATH 083 or MATH 140

MATH 210*

Prerequisite: MATH 083 or MATH 140

EET 212W Op Amp and IC Electronics*

Prerequisite: EET 114, ENGL 015, MATH 022 or MATH 040 or MATH 082

EMET 215 Manufacturing Engineering

Prerequisite: IET 101

Concurrent: EGT 114

EET 275 Intro to Programmable Logic Controls

Prerequisite: CMPET 117, CMPET 120

EMET 230 Computerized I/O Systems*

Prerequisite or Concurrent: EET 212W

CMPET 211 Embedded Processors and DSP

Prerequisite: CMPET 117, CMPET 120

MATH 211*

Prerequisite: MATH 210

EMET 330 Measurement Theory and Instr*

Prerequisite: EMET 230 ;

Prerequisite or concurrent: MATH 211 or MATH 250

EMET 325 Electric Drives

Prerequisite: EET 212W

EMET 326 Mechanical Drives

Prerequisite: EMET 222

EMET 405 Fluid Mechanics & Heat Transfer

Prerequisite: EMET 326 and MATH 211 or MATH 250

EMET 410 Automated Control Systems

Prerequisite: MATH 211 or MATH 250

Prerequisite or concurrent: EMET 330

IET 333 Engineering Economics for Technologists

Prerequisite: MATH 022 and MATH 026 or MATH 040 or MATH 041

EMET 403 Design Project Preparation

Prerequisite: seventh semester standing

EMET 440 Electro-Mechanical Project Design

Prerequisite: EMET 325; EMET 326; EMET 410, EMET 403

***C required course**