INDIANA UNIVERSITY - PURDUE UNIVERSITY FORT WAYNE

Prerequisite Chart for IET

Name: ____________________________

Effective Fall 2016

A.S. Degree

MA 111 Algebra

IET 105 Industrial Management
Fall/Spring/SS1/Online

IET 106 Introduction to Engr. Technology
Fall/Spring/SS2

ENG W130 English

ENG W131 Reading, Writing, & Inquiry I
Fall/Spring/SS1&2/Online

MA 159 Algebra and Trigonometry
Fall/Spring/SS1&2/Online

MA 153 and MA 154

MA 153

ET 106 Introduction to Engr. Technology
Fall/Spring/SS2

ET 204 Tech. of Quality
Fall/Sp. (hybrid)

ET 257 Ergonomics
Fall

MET 104 Technical Graphics Comm.
Fall/Spring

MET 180 Materials & Processes
Fall/Spring

B.S. Degree

IET 401 Design for Manufacturing
Fall

ENG W134 Technical Writing
Fall/Spring/SS1&2/Online

ET 205 Stat. for ET
Fall/Spring/SS2

PHYS 218 Physics I
P: MA153
Fall/Spring

PHYS 219 Physics II
Fall/Spring

OLS 252 Human Relations in Organizations
F/S/SS1

IET 224 PPC
Fall (hybrid)

ECET 264 C Programming Language (or ECET 114)
Fall/Spring

ET 220 Tech. of Quality
Fall/Sp. (hybrid)

ECET 211 Elect. Mach. & Controls
Fall/Spring

ET 304 Adv Metrology
Spring

ECET 369 PLC
Spring

ET 362 Optimization
Spring

MA227 Calculus I
Fall/Spring

CHM 111 Chemistry
Fall/Spring/SS1

IET 350 Engr. Economy
Fall/Sp. (hybrid)

ET 454 SPC
Fall

IET 475 Lean Manufact. & Design
Spring (hybrid)

MET 440 Advanced CNC Machining (or
MET 347)
Fall/Spring

IET 369 Simulation
Fall

ET 190 Statics
Fall/Spring

IET 540 Cost Estimating & Design
Spring

IET 478 Lean Lean
Manufacturing
Spring

ECET 264 C Programming
Fall/Spring

MA 159 Algebra and Trigonometry
Fall/Spring/SS1&2/Online

MA 153 and MA 154

ECET 369 PLC
Spring

ECET 211 Elect. Mach. & Controls
Fall/Spring

ENG W421 Tech. Writing Projects
Fall/Spring

MA 153

MA153

ECET 114

PHYS 219 Physics II
Fall/Spring

ÖRT 200 Industrial Economy
Fall/Spring

ECET 264 C Programming
Fall/Spring

ECET 211 Elect. Mach. & Controls
Spring/SS2

ECET 361 PLC
Spring

All courses which serve as prereqs must be completed with a grade of C- or better.

Co-requisite

Prerequisite

Gen Ed Area B6: PHIL111 Ethics

Gen Ed Area B7

suggested tech elective:
Any CPET, CS, ECET, ET, MET, or OLS course (you should have met the prerequisites or obtain instructor approval).

suggested Gen Ed electives:
Area B6 - PHIL 111 Ethics (recommended) or any other course that meets all B6 area outcomes.
Area B7 - Any course that meets all B7 area outcomes.