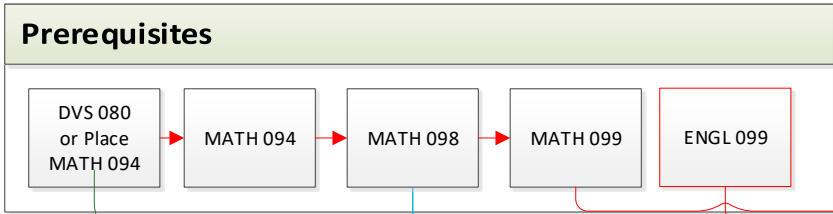


Manufacturing Process Technology (Mission Critical Ops), AAS

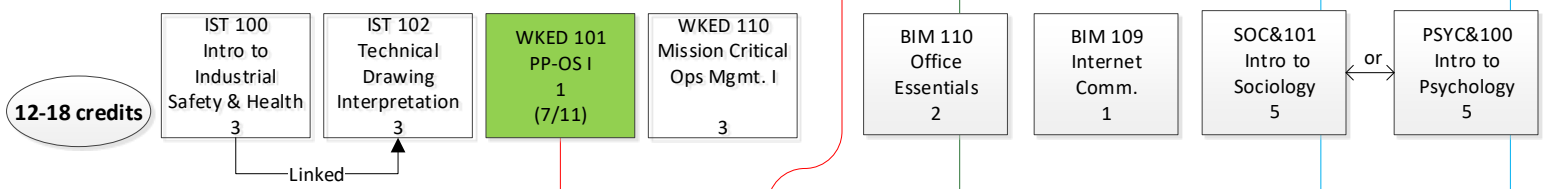
First-Year Cohort Industry Specialization - Draft



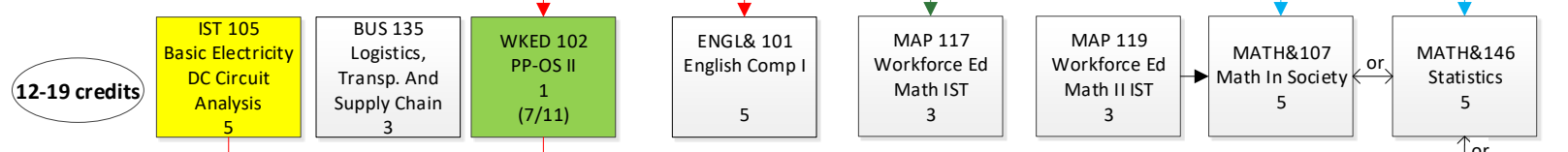
Other options may apply. Advisor approval required for substitutions or transfer requirements.

First Year Program Pilot

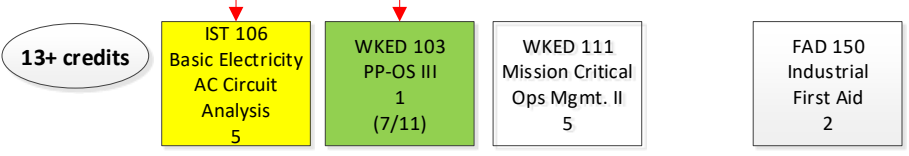
First Quarter Shared Courses



Second Quarter Shared Courses



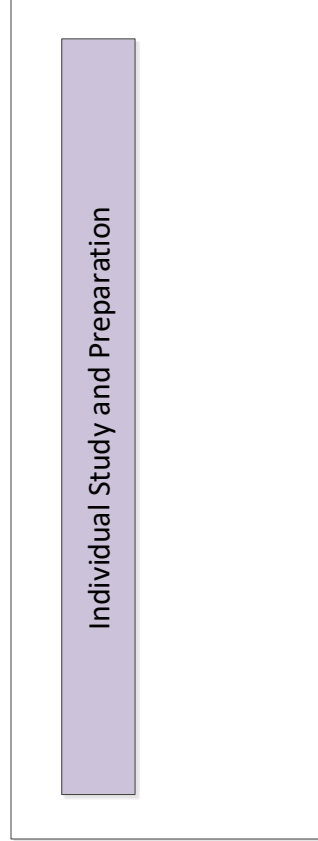
Third Quarter Shared Courses



Only Required for Transfer

Facilities Support Specialist 30 credits

Optional Industry Certification



Summer 1

*Recommend Summer courses to reduce course load OR finish Certificate of Achievement in Year 2.

Will be replaced for Some industries and become electives with an industry specific list. Goal: flexibility to customize.

Under Review or Construction

Certificate Type



Manufacturing Process Technology (Mission Critical Ops), AAS

Other options may apply.
Advisor approval required for substitutions or transfer requirements.

Second-Year Industry Specialization **Draft**

Second Year Program Pilot

Fourth Quarter Courses

credits

IST 130
Intro to Refrigeration & Air Cond.
5

BUS 215
Customer Service
3

CMST&220
Public Speaking
5

CMST&210
Interpersonal Communications
5

Critical Facility Operations Technician 48-50credits

TBD

Fifth Quarter Courses

credits

IST 120
Intro to Prev/Pred Maintenance
3

ENGL& 235
Technical Writing
5

Elective
3-5

Sixth Quarter Courses

credits

Elective
3-5

BUS 289
Project Mgmt.
5

Elective
3-5

Elective Options (22-28)

MCT 100, 101, 102, 103
Mechatronics Intro, I, II, III
5 each

BUS 200
Supervision
5

IST 107
Industrial Electricity I
5

IST 280
Mechanical Power Transmission
5

CS 115
Intro to Database Des. & Mgmt.
5

CS classes as needed for industry

IST 170
Intro to Instrumentation
5

IST 282
Fluid Power Transmission
5

ENGR& 111, 2
Engineering Graphics I, II
5

MATH& 148
Business Calculus
5

XXX
Data Analytics?
3-5

IST 284
Pumping Hydraulics and Mechanics
5

Any Appropriate Transferable Courses

Any Appropriate WBL courses 2-12

Science classes as needed for industry or transfer

Optional Industry Certification

Individual Study and Preparation

Summer 2

*Recommend Summer courses to reduce course load OR finish program requirements.

Will be replaced for Some industries; and become electives with an industry specific list

Under Review or Construction

Certificate Type

Industry Certification

Achievement

Accomplishment