B.S. Mechanical Engineering Technology 2023-2024 Flowchart

Year 1

Fall

Core A1

CHEM 1211 & 1211L
Principles of
Chemistry I and Lab
(3+1)

Spring

Core D1
MATH 1190
Calculus I
(4)

and Lab
(3+1)

Year 2

EDG 1211
Engineering
Graphics I
(3)

MATH 2202
Calculus II
(4)

MET 2124
Statics w/
Applications
(3)

MET 1400
Welding
(2)

MET 1800
CNC Machining
(MET 131 prereq.)
(2)

MET 3126
Dynamics
(3)

Engineeri4 1DC 7636.5 157.5 67.5 58.5 re E436.5 157.5 67.5 5.345.98 Engineering.Comp

EDG 1212
Engineering
Graphics II
(4)

MET 2501
using MATLAB
(MATH 1113 prereq.)
(3)

MET 3132 & 3132L
(MATH 1190 & MET 2501 prereqs.)
and Lab
(CHEM 1211 prereq.)
(3+1)

ENGT 2000
Applied Engineering
Math
(MATH 2202 prereq.)
(3) (3)

MET 4501
Machine Design
(EDG 1212 prereq.)
(3)

MET 3101
Fluid Mechanics
with Application
(4)

ECET 3000
Electrical Principles
(4)

Year 4

Spring

MET 3401
Thermo I
(MATH 1190 & PHYS
1111 prereqs.)
(3)

ENGT 4901
Senior Design I
(1)

Core C1

ENGT 4902
Senior Design II
(3)

ECET 4530
Industrial Motor
Control
(4)