

Undergraduate Courses:

Course	Title	Fall	Spring
MEC 101	Freshman Design Innovation	V	V
MEC 102	Engineering Computing and Problem Solving	-	V
MEC 203	Engineering Graphics and CAD	V	V
MEC 220	Practical Electronics Mechanical Engineers	At SBU	At SBU
MEC 260	Engineering Statics	At SBU	At SBU
MEC 262	Engineering Dynamics	-	At SBU
MEC 363	Mechanics of Solids	-	At SBU
MEC 226	Modern Machining Practices	V	-
MEC 300	Technical Communication in Mechanical Engineering	-	V
MEC 301	Thermodynamics	V	-
MEC 305	Heat and Mass Transfer	-	V
MEC 310	Introduction to Machine Design	V	-
MEC 316	Mechanical Engineering Lab I	V	-
MEC 317	Mechanical Engineering Lab II	-	V
MEC 320	Numerical Methods in Engineering Design and Analysis	V	-
MEC 325	Manufacturing Processes	V	-
MEC 364	Introduction to Fluid Mechanics	V	-
MEC 410	Design of Machine Elements	-	V
MEC 411	Control System Analysis and Design	-	V
MEC 440	Mechanical Engineering Design I	-	V
MEC 441	Mechanical Engineering Design II	V	-
MEC 499	Research in Mechanical Engineering	V	V
MEC 393	Engineering Fluids Mechanics	-	-
MEC 398	Thermodynamics II	-	-
MEC 402	Mechanical Vibrations	V	-
MEC 422	Thermal System Design	V	-
MEC 423	Internal Combustion Engines	-	-
MEC 450	Mechatronics	-	V
MEC 455	Applied Stress Analysis	V	-
MEC 456	Introduction to Engineering Mechanics of Composite	-	-
ESG 198	Fundamentals of Engineering Chemistry	-	V
ESG 281	Engineering Introduction to the Solid State	V	-
ESG 332	Materials Science I: Structure and Properties of Materials	V	-

Course Fees:

Course	Title	Fee (USD)
MEC 226	Modern Machining Practices	50.00 USD
MEC 316	Mechanical Engineering Lab I	100.00 USD
MEC 317	Mechanical Engineering Lab II	100.00 USD
MEC 440	Mechanical Engineering Design I	165.00 USD
MEC 441	Mechanical Engineering Design II	165.00 USD