



Mechanical Engineering Technology Checklist
2022-2024 Catalog

Name: _____

ID#: _____

Semester Entered: _____

ENGLISH - 12 HRS

Course Name		Sem	Cr.	Grade
ENGL110 Composition I	F/S		3	
ENGL 111 Composition II	F/S		3	
GE Literature Elective ³	F/S		3	
ENGL 342 Technical Comm.	F/S		3	

SOCIAL SCIENCE/GLOB. STUDIES/HISTORY -9 HRS

Course Name		Sem	Cr.	Grade
PSYC 101 Intro to Psychology	F/S		3	
HIST Elective ¹	F/S		3	
GESO Glob Studies Elective ²	F/S		3	

HUMANITIES - 6 HRS

SPEE 214 Intro. To Public Speaking	F/S		3	
PHIL 275/450 Ethics	F/S		3	

HEALTH WELLNESS - 2 HRS

Wellness/Health Elective (HPER)	F/S		1	
Wellness/Health Elective (HPER)	F/S		1	

MATH - 15 HRS

MATH 150 Pre-calculus	F/S		4	
STAT 210 Elementary Statistics	F/S		3	
MATH 260 Calculus I	F/S		4	
MATH 261 Calculus II	F/S		4	

SCIENCE - 8 HRS

PHYS 105 Physics I	F/S		3	
PHYS 105 Physics I Lab	F/S		1	
PHYS 106 Physics II	F/S		3	
PHYS 106 Physics II Lab	F/S		1	

MECHANICAL ENGINEERING TECH CORE - 39 HRS

MCET 102 Machines Lab	F		1	
MCET 200 Statics	F		3	
MCET 201 Strength of Materials	S		3	
MCET 202 Strength of Materials Lab	S		1	
MCET 301 Intro to Thermo	S		3	
MCET 305 Mfg Mat'l Processes	S		3	
MCET 306 Machine Design	F		3	
MCET 311 Dynamics	F		3	
MCET 313 Fluid Mechanics	F		3	
MCET 314 Fluid Mechanics Lab	F		1	
MCET 401 Appl Thermodynamics	F		3	
MCET 404 Energy Lab	F		1	
MCET 415 Instrumentation Control	S		3	
MCET 416 Measurement Lab	S		1	
MCET 421 Hydraulics and Pneumatics	S		3	
MCET 422 Hydr and Pneum Lab	S		1	
MCET 441 Heat Transfer	F		3	

ENGINEERING TECH EMPHASIS COURSES - 30 HRS

ENGT 100 Intro to Engr. Tech.	F		2	
ENGT 105 Engr. Problem Solving	S		2	
ENGT 261 Fund. of Engr. Graphics	F/S		3	
ENGT 290 Intro Elect/Electronics	F		3	
ENGT 301 Computer Programming	F/S		3	
ENGT 321 Engineering Economy	F/S		3	
ENGT 420 Sr. Project I	F/S		3	
ENGT 421 Sr. Project II	F/S		2	

INLT 292 Intro. To ERP	F/S		3	
INLT 383 Quality Management	S		3	
INLT 485 Project Management	F		3	

TECHNICAL ELECTIVES - 3 HRS

Technical electives ⁴			3	
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TOTAL 124 CREDIT HRS

Student's Signature: _____

Date: _____

Advisor's Signature: _____

Date: _____

Chairperson's Signature _____

Date: _____

Dean's Signature _____

Date: _____