

COMPUTER ENGINEERING – *manufacturing track*

Recommended course schedule

YEAR	FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
FRESHMAN	MANF 150 - Intro to Engineering & Manufacturing I	1	MANF 152 - Intro to Engineering & Manufacturing II	1
	Writ 101 - First Year Writing I	3	Writ 102 - First Year Writing II	3
	Chem 105/115 – General Chemistry I	4	Math 262 – Calculus II	3
	Math 261 – Calculus I	3	Phys 211/221 – Calc-based Physics I	4
	Social Science, Humanities or Fine Arts	3	EI E 235/236 – Principles of Digital Systems	4
	Social Science, Humanities or Fine Arts	3	CSCI 256 – Programming in Python	3
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	18
SOPHOMORE	MANF 251/252 - Manufacturing Processes/Prod Realization Lab	4	MANF 253 – Strategic Planning	3
	Math 263 – Calculus III	3	Math 264 – Calculus IV	3
	Phys 212/222 – Calc-based Physics II	4	Math 353 – Differential Equations	3
	ENGR 360 – Electric Circuit Theory	3	ENGR 310 – Engineering Analysis I	3
	EI E 385/386 – Advanced Digital Systems	4	ENGR 361 – Circuits Lab	1
	EI E 237 – Elec. Engr Tools and Toys	1	CSCI 356 – Data Structures in Python	3
	TOTAL CREDIT HOURS	19	TOTAL CREDIT HOURS	16
JUNIOR	MANF 353 - Accounting & Financial Management for Manufacturing	3	MANF 351 - Manufacturing Product and Process Design	1
	MANF 255 – Standardized Work & Takt Time	1	MANF 355 - Continuous Flow/Layout	1
	EI E 351 – Electronics Circuits I	3	Cp E 431 – Computer Architecture	3
	EI E 485/486 - Microprocessor Systems	3	EI E 352/353 – Electronics Circuits II	4
	EI E 331 – Linear Systems	3	EI E 367 – CAD in Electrical Engineering	3
	Math 301 – Discrete Math	3	CSCI 433 – Algorithm and Data Structure Analysis	3
	CSCI 423 – Intro to Operating Systems	3		
TOTAL CREDIT HOURS	19	TOTAL CREDIT HOURS	15	
SENIOR	MANF 455 - Practical Problem Solving	3	Cp E 462 – Senior Design II	2
	Cp E 461 – Senior Design I	1	Cp E Technical Elective	3
	EI E 425 – Local Area Network	3	Cp E Technical Elective	3
	Econ 310 – Engineering Economy	3	Social Science, Humanities or Fine Arts	3
	Cp E Technical Elective	3	Social Science, Humanities or Fine Arts	3
	Social Science, Humanities or Fine Arts	3		
TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	14	
MINIMUM TOTAL CREDIT HOURS				134



Visit engineering.olemiss.edu/advising for full course information.