

COLLEGE OF ENGINEERING
ENGINEERING
Southern Illinois University at Carbondale
Course Substitution List

Murray State University 1997-99
College Name/Catalog Date

SIUC 1997-98				Murray State University 1997-99	
Civil Engineering	Electrical or Computer Engineering	Mechanical Engineering	Mining Engineering	Course Title	Course Substitute(s)
ENGR 102	--	ENGR 102	ENGR 102	Eng. Graphics	ITE 107
ENGR 222A	--	ENGR 222A	ENGR 222A	Fortran ¹	
--	EE 222	EE 222	--	C Programming	PHY 140 ²
ENGR 260A	ENGR 260A	ENGR 260A	ENGR 260A	Statics	PHY 259
ENGR 260B	--T	ENGR 260B	ENGR 260B	Dynamics	PHY 330
ENGR 300	--	ENGR 300	ENGR 300	Thermodynamics	PHY 440
--	--	ME 302	--	Heat Transfer	PHY 540
ENGR 311	--	ENGR 311	ENGR 311	Mechanics of Deform. Bodies	PHY 359
--	--	ENGR 312	--	Material Science Fundamentals	PHY 375
ENGR 313	--	ENGR 313	ENGR 313	Fluid Mechanics	PHY 532
ENGR 351	--	ENGR 351	--	Numerical Methods	CSC 420
--	EE 225	--	--	Digital Systems	PHY 378
--	EE 235	ENGR 335	--	Elec. Circuits	PHY 365
--	EE 327	--	--	Sequential Circuit Design	PHY 569
--	EE 345	--	--	Electronics	PHY 366
--	EE 375	--	--	Electromagnetic Field I	PHY 560
CHEM 200 + CHEM 201	CHEM 200 + CHEM 201	CHEM 200 + CHEM 201	CHEM 200 + CHEM 201	Intro. Chem. Principles	CHE 121
CHEM 210	CHEM 210	CHEM 210	CHEM 210	General & Inorganic Chem.	CHE 122
--	--	--	GEOL 220	The Dynamic Earth	GSC 101
MATH 150	MATH 150	MATH 150	MATH 150	Calculus I	MAT 250
MATH 250	MATH 250	MATH 250	MATH 250	Calculus II	MAT 308
MATH 251	MATH 251	MATH 251	MATH 251	Calculus III	MAT 309
MATH 305	MATH 305	MATH 305	MATH 305	Diff. Equations	MAT 411
--	MATH 221	--	--	Intro. to Linear Algebra	MAT 335
PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	Univ. Physics I	PHY 235 + 236
PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	Univ. Physics II	PHY 255 + 256
--T	--	--	--	Univ. Physics III	PHY 370

¹ FORTRAN programming is recommended for Civil, Mechanical, and Mining Engineering majors.

² "C" programming is recommended for Electrical and Computer Engineering majors.

-- Not Required

--T Not Required But Will Count as Technical Elective