

COLLEGE OF ENGINEERING

ENGINEERING

Southern Illinois University at Carbondale

Course Substitution List

MacMurray College 1994-96

College Name/Catalog Date

SIUC 1997-98				MacMurray College 1994-96	
Civil Engineering	Electrical or Computer Engineering	Mechanical Engineering	Mining Engineering	Course Title	Course Substitute(s)
ENGR 102	--	ENGR 102	ENGR 102	Eng. Graphics	
ENGR 222A	--	ENGR 222A	ENGR 222A	Fortran ¹ or	
--	EE 222	EE 222	--	C Programming	CS 222 ²
ENGR 260A	ENGR 260A	ENGR 260A	ENGR 260A	Statics	PHYS 301
ENGR 260B	--T	ENGR 260B	ENGR 260B	Dynamics	PHYS 302
ENGR 311	--	ENGR 311	ENGR 311	Mechanics of Deform. Bodies	
--	EE 235	ENGR 335	--	Elec. Circuits	
--	EE 225	--	--	Digital Systems	
CHEM 200 + CHEM 201	CHEM 200 + CHEM 201	CHEM 200 + CHEM 201	CHEM 200 + CHEM 201	Intro. Chem. Principles	CHE 221
CHEM 210	CHEM 210	CHEM 210	CHEM 210	General & Inorganic Chem.	CHE 222
--	--	--	GEOL 220	Physical Geology	
MATH 150	MATH 150	MATH 150	MATH 150	Calculus I	MATH 135
MATH 250	MATH 250	MATH 250	MATH 250	Calculus II	MATH 236
MATH 251	MATH 251	MATH 251	MATH 251	Calculus III	MATH 237
MATH 305	MATH 305	MATH 305	MATH 305	Diff. Equations	MATH 301
--	MATH 221	--	--	Intro. to Linear Algebra	MATH 330
PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	Univ Physics I	PHY 211
PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	Univ Physics II	PHY 212
PHYS 205C + PHYS 255C	--T	--	--	Univ Physics III	PHY 311

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