

COLLEGE OF ENGINEERING

ENGINEERING

Southern Illinois University at Carbondale

Course Substitution List

McKendree College 1994-96

College Name/Catalog Date

SIUC 1997-98				McKendree 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 or	CSI 270 ¹
--	EE 222	EE 222	--	C Programming ²	
ENGR 260A	ENGR 260A	ENGR 260A	ENGR 260A	Statics	
ENGR 260B	--T	ENGR 260B	ENGR 260B	Dynamics	
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 101
CHEM 210	CHEM 210	CHEM 210	CHEM 210	General & Inorganic Chem.	CHE 105
--	--	--	GEOL 220	Physical Geology	
MATH 150	MATH 150	MATH 150	MATH 150	Calculus I	MTH 210
MATH 250	MATH 250	MATH 250	MATH 250	Calculus II	MTH 211
MATH 251	MATH 251	MATH 251	MATH 251	Calculus III	MTH 212
MATH 305	MATH 305	MATH 305	MATH 305	Diff. Equations	MTH 370
--	MATH 221	--	--	Intro. to Linear Algebra	MTH 360
PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	Univ Physics I	
PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	Univ Physics II	
PHYS 205C + PHYS 255C	--T	--	--	Univ Physics III	

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