

COLLEGE OF ENGINEERING

ENGINEERING

Southern Illinois University at Carbondale

Course Substitution List

Jefferson College 1996-97

College Name/Catalog Date

SIUC 1997-98				Jefferson College 1996-97	
Civil Engineering	Electrical or Computer Engineering	Mechanical Engineering	Mining Engineering	Course Title	Course Substitute(s)
ENGR 102	--	ENGR 102	ENGR 102	Eng. Graphics	EGN 101
ENGR 222A	--	ENGR 222A	ENGR 222A	Fortran or	MTH 129 ¹
--	EE 222	EE 222	--	C Programming	CIS 180 ²
ENGR 260A	ENGR 260A	ENGR 260A	ENGR 260A	Statics	EGN 128
ENGR 260B	--T	ENGR 260B	ENGR 260B	Dynamics	EGN 150
ENGR 311	--	ENGR 311	ENGR 311	Mechanics of Deform. Bodies	
--	EE 235	ENGR 335	--	Elec. Circuits	EGN 161
--	EE 225	--	--	Digital Systems	
CHEM 200 + CHEM 201	CHEM 200 + CHEM 201	CHEM 200 + CHEM 201	CHEM 200 + CHEM 201	Intro. Chem. Principles	CHM 111
CHEM 210	CHEM 210	CHEM 210	CHEM 210	General & Inorganic Chem.	CHM 112
--	--	--	GEOL 220	Physical Geology	
MATH 150	MATH 150	MATH 150	MATH 150	Calculus I	MTH 180
MATH 250	MATH 250	MATH 250	MATH 250	Calculus II	MTH 185
MATH 251	MATH 251	MATH 251	MATH 251	Calculus III	MTH 201
MATH 305	MATH 305	MATH 305	MATH 305	Diff. Equations	MTH 205
--	MATH 221	--	--	Intro. to Linear Algebra	
PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	Univ. Physics I	PHY 125
PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	Univ. Physics II	PHY 216
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

Revised 7/1/97