

COLLEGE OF ENGINEERING
ENGINEERING
Southern Illinois University Carbondale
Course Substitution List

Lincoln College 2004-06
College Name/Catalog Date

SIUC 2004-05					Lincoln College 2004-06	
Civil Engineering	Computer Engineering	Electrical Engineering	Mechanical Engineering	Mining Engineering	Course Title	Course Substitute(s)
ENGR 102	--	--	ENGR 102	ENGR 102	Eng. Graphics	
--	--	--	--		Fortran	
--	--		ENGR 222B ¹	--	C Programming	
--	ECE 222 ²	ECE 222 ²	--	--	JAVA Programming	
--	CS 220	--T	--	--	Prog. Data Structures	
CE 250	--T	--T	CE 250	CE 250	Statics	
ME 261	--	--	ME 261	ME 261	Dynamics	
CE 350A	--	--	CE 350A	CE 350A	Mechanics of Deform. Bodies	
--	ECE 235	ECE 235	ENGR 335	--	Elec. Circuits	
--	ECE 225	ECE 225	--	--	Digital Systems	
CHEM 200 + CHEM 201	CHEM 200 ³ + CHEM 201	CHEM 200 ³ + CHEM 201	CHEM 200 + CHEM 201	CHEM 200 + CHEM 201	Intro. Chem. Principles	CHM 103
CHEM 210	--T	--T	CHEM 210	CHEM 210	General & Inorganic Chem.	CHM 104
--	--	--	--	GEOL 220	Physical Geology	GEL 101
MATH 150	MATH 150	MATH 150	MATH 150	MATH 150	Calculus I	MAT 130
MATH 250	MATH 250	MATH 250	MATH 250	MATH 250	Calculus II	MAT 231
MATH 251	MATH 251	MATH 251	MATH 251	MATH 251	Calculus III	MAT 232
MATH 305	MATH 305	MATH 305	MATH 305	MATH 305	Diff. Equations	MAT 233
--	--T	--T	--	--	Intro. to Linear Algebra	MAT 234
PHYS 205A + PHYS 255A	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	PHYS 205B + PHYS 255B	Univ. Physics II	
PHYS 205C + PHYS 255C	PHYS 205C ³ + PHYS 255C	PHYS 205C ³ + PHYS 255C	--	--	Univ. Physics III	

¹ "C" Programming is recommended for Mechanical Engineering Majors.

² JAVA Programming is Recommended for Electrical Engineering and Computer Engineering Majors.

³ Third science course may be Chemistry I or Physics III for Electrical and Computer Engineering Majors

-- Not required

--T Not required but will count as Technical Elective