

COLLEGE OF ENGINEERING

ENGINEERING

Southern Illinois University at Carbondale

Course Substitution List

Southern Illinois University at Edwardsville 2003-05

College Name/Catalog Date

SIUC 2004-05					Southern Illinois University at Edwardsville 2003-05	
Civil Engineering	Electrical Engineering	Computer Engineering	Mechanical Engineering	Mining Engineering	Course Title	Course Substi- tute(s)
ENGR 102	--	--	ENGR 102	ENGR 102	Eng. Graphics	CE 204
--	--	--	--	--	C Programming	CS 140
--	ECE 222	ECE 222	--	--	Java Programming	
CE 250	--T	--T	CE 250	CE 250	Statics	CE 240
ME 261	--T	--T	ME 261	ME 261	Dynamics	ME 262
CE 350A	--T	--T	CE 350A	CE 350A	Mechanics of Deform. Bodies ⁴	CE 242 ⁴
--	ECE 235	ECE 235	ENGR 335	--	Elec. Circuits ⁴	ECE 210 ⁴
--	ECE 225	ECE 225	--	--	Digital Systems	ECE 382
CHEM 200	CHEM 200 ³	CHEM 200 ³	CHEM 200	CHEM 200	Intro. Chem. Principles	CHEM 121a
CHEM 201	CHEM 201	CHEM 201	CHEM 201	CHEM 201	Chem. I Lab.	CHEM 125a
CHEM 210	--T	--T	CHEM 210	CHEM 210	General & Inorganic Chem.	CHEM 121b
--	--	--	--	GEOL 220	Physical Geology	GEOG 310
MATH 150	MATH 150	MATH 150	MATH 150	MATH 150	Calculus I	MATH 150
MATH 250	MATH 250	MATH 250	MATH 250	MATH 250	Calculus II	MATH 152
MATH 251	MATH 251	MATH 251	MATH 251	MATH 251	Calculus III	MATH 250
MATH 305	MATH 305	MATH 305	MATH 305	MATH 305	Diff. Equations	MATH 305
--	--T	--T	--	--	Intro. to Linear Algebra	MATH 321
PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	Univ. Physics I	PHYS 211a + 212a
PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	Univ. Physics II	PHYS 211b + 212b
--T	Phys 205C ³ + Phys 255C	Phys 205C ³ + Phys 255C	--	--T	Univ. Physics III	PHYS 302

¹"C++" Programming is Recommended for Mechanical Engineering Majors.

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

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

⁴One Hour of Laboratory will be required at SIUC.

-- Not Required

--T Not Required But Will Count as Technical Elective