

COLLEGE OF ENGINEERING

ENGINEERING

Southern Illinois University Carbondale

Course Substitution List

Vincennes University 2002-03

College Name/Catalog Date

SIUC 2004-05					Vincennes University 2002-03	
Civil Engineering	Computer Engineering	Electrical Engineering	Mechanical Engineering	Mining Engineering	Course Title	Course Substitute(s)
ENGR 102	--	--	ENGR 102	ENGR 102	Eng. Graphics	ENGR 105
--	--	--	ENGR 222B	--	C Programming ¹	CSCI 156
--	ECE 222	ECE 222	--	--	JAVA Programming ²	
--	CS 220	--T	--	--	Prog. Data Structures	
CE 250	--T	--T	CE 250	CE 250	Statics	ENGR 205
CE 251	--	--	ME 261	CE 251	Dynamics	ENGR 206
CE 350A	--	--	CE 350A	CE 350A	Mechanics of Deform. Bodies	ENGR 270
--	ECE 235	ECE 235	ENGR 335	--	Elec. Circuits	ENGR 217 + ENGS 217
--	ECE 225	ECE 225	--	--	Digital Systems	ENGR 266 + ENGS 266
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	CHEM 105 + CHML 105
CHEM 210	--T	--T	CHEM 210	CHEM 210	General & Inorganic Chem.	CHEM 106
--	--	--	--	GEOL 220	Physical Geology	ERTH 115 + ERTL 115
MATH 150	MATH 150	MATH 150	MATH 150	MATH 150	Calculus I	MATH 118
MATH 250	MATH 250	MATH 250	MATH 250	MATH 250	Calculus II	MATH 119
MATH 251	MATH 251	MATH 251	MATH 251	MATH 251	Calculus III	MATH 220
MATH 305	MATH 305	MATH 305	MATH 305	MATH 305	Diff. Equations	MATH 266
--	--T	--T	--	--	Intro. to Linear Algebra	MATH 265
PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	PHYS 205A + PHYS 255A	Univ Physics I	PHYS 205
PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	PHYS 205B + PHYS 255B	Univ Physics II	PHYS 206 + PHYL 206
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 and Computer Engineering Majors.

³ Third Science Course may be either Chemistry I or Physics III for Electrical and Computer Engineering Majors.

-- Not Required

--T Not Required But Will Count as Technical Elective

COLLEGE OF ENGINEERING
ENGINEERING TECHNOLOGY
 Southern Illinois University Carbondale
 Course Substitution List

Vincennes University 2002-03
 College Name/Catalog Date

SIUC 2004-05	Vincennes University 2002-03	
Electrical Engineering Technology	Course Title	Course Substitute(s)
ECE 222B	C Programming	CSCI 156
--T	Engineering Drawing I	DRAF 110 + 140
--T	Engineering Drawing II	
ET 238	Digital Electronics	ELEC 230
ET 245A	Elec. Systems	ELEC 220
--T	Processes Lab	MTTD 135
--T	Statics	ENGR 205 or ENGT 210
--T	Dynamics	ENGR 206 or ENGT 211
ET 304A	Electrical Circuits	ENGR 217 + ENGS 217
--T	Strength of Materials	ENGR 270 or ENGT 240
CHEM 140A	Chemistry	CHEM 103 + CHML 103
MATH 111	College Algebra & Trigonometry	MATH 102 + 104
MATH 140	Short Course in Calculus	MATH 115
MATH 282	Intro. to Statistics	MATH 110
PHYS 203A + PHYS 253A	College Physics I	PHYS 105 + PHYL 105 or PHYT 101
PHYS 203B + PHYS 253B	College Physics II	PHYS 106 + PHYL 106

COLLEGE OF ENGINEERING
INDUSTRIAL TECHNOLOGY
 Southern Illinois University Carbondale
 Course Substitution List

Vincennes University 2002-03
 College Name/Catalog Date

SIUC 2004-05		Vincennes University 2002-03
Industrial Technology	Course Title	Course Substitute(s)
IT 105	Computer-Aided Drafting	ENGR 105
IT 208	Manufacturing Processes	MTTD 135
IT 270 or CS 200B	Introduction to Business Computing	
IT 307 or MATH 140	Short Course in Calculus	MATH 115
MATH 111	College Algebra and Trigonometry	MATH 102 + 104
PHYS 203A + PHYS 253A	College Physics I	PHYS 105 + PHYL 105 or PHYT 101
PHYS 203B + PHYS 253B	College Physics II	PHYS 106 + PHYL 106
TE	Technical Electives - 29 hours	Up to 29 technical elective hours may be transferred in IT. The technical elective requirement is fulfilled with an A.A.S. Degree.