

Wright State/Southern State Transfer Equivalencies

For B.S. in Electrical Engineering

9/26/08

Southern State Community College (grade of C or better required for transfer)		Wright State University		
Mathematics				
MATH 221-5	Calculus I	MTH 229-5	Calculus I	
MATH 222-5	Calculus II	MTH 230-5	Calculus II	
MATH 223-5	Calculus III	MTH 231-5	Calculus III	
MATH 224-5	Calculus IV	MTH 232-5	Calculus IV	
MATH 230-5	Differential Equations	MTH 233-5	Differential Equations	
MATH 250-5	Linear Algebra	MTH 253-3	Elementary Matrix Algebra	
Physics				
PHYS 221-4	Physics I for Sci & Engineering	PHY 240-4	General Physics	
PHYS 231-1	Physics I Lab	PHY 200-1	General Physics Laboratory	
PHYS 222-4	Physics II	PHY 242-4	General Physics	
PHYS 232-1	Physics II lab	PHY 202-1	General Physics Laboratory	
PHYS 223-5	Physics III	PHY 244-5	General Physics	
PHYS 233-1	Physics III Lab	PHY 204-1	General Physics Laboratory	
Chemistry				
CHEM 101-4	Freshman Chemistry	CHM 121-5	Submicroscopic Chemistry	
CHEM 111-1	Freshman Chemistry Lab			
Related Requirements				
CSCI 260	C Programming	CS 240	Computer Science I (may replace CEG 220)	
EENG 205	Digital Electronics	EE 260	Digital Hardware	
General Education				
Area I				
ENGL 101-4	English Composition I	ENG 101-4	Academic Writing and Reading	
ENGL 102-4	English Composition II	ENG 102-4	Writing in Academic Discourse	
Area II - Choose one from subcategory A and one from B				
A	HIST 151-4	Intro to Western Civilization I	HST 101-4	Western World: Ancient & Medieval Eras
	HIST 152-4	Intro to Western Civilization II	HST 102-4	Western World: 14th - 18th Centuries
	HIST 153-4	Intro to Western Civilization III	HST 103-4	Western World: 19th & 20th Centuries
B	HIST 122-3	Asian Civilization: China	RST 262-4	Regional Studies: China
	HIST 123-3	Asian Civilization: Japan	RST 261-4	Regional Studies: Japan
	SOCI 122-3	Cultural Geography II	CST 221-4	Comparative Nonwestern Environments
	SOCI 120-3	Introduction to Anthropology	CST 241-4	Comparative Nonwestern Cultures
Area III - Choose two				
ECON 205-4	Principles of Microeconomics	EC 204-4	Principles of Microeconomics	
ECON 206-4	Principles of Macroeconomics	EC 205-4	Principles of Macroeconomics	
PSYC 110-5	Principles of Psychology	PSY 105-4	Introduction to Psychology	
SOCI 170-4	Introduction to Sociology I	SOC 200-4	Social Life	
Area IV - Choose one from subcategory A or B				
A	PHIL 101-4	Introduction to World Philosophy	PHL 204-4	Great Books: Philosophy
B	FNAR 104-4	Introduction to the Arts	ART 214-4	Visual Art in Western Culture
	FNAR 116 or 117 or 118	Music Appreciation I, II, III	MUS 214-4	Music in Western Culture
	SPTH 121-3	Introduction to Theatre	TH 214-4	The Theatre in Western Culture
Area VI - College Component				
No Equivalencies				
Additional Course Area				
Choose two additional courses from Areas II, III, or IV (each from a different area). Do not take two from a subcategory already used, except Area II.				