

Wright State/Sinclair Transfer Equivalencies For B.S. in Electrical Engineering

9/26/08

Sinclair (grade of C or better)		Wright State University		
Mathematics				
MAT 201-5	Calculus & Analytical Geometry I	MTH 229-5	Calculus I	
MAT 202-5	Calculus & Analytical Geometry II	MTH 230-5	Calculus II	
MAT 203-5	Calculus & Analytical Geometry III	MTH 231-5	Calculus III	
MAT 204-5	Calculus & Analytical Geometry IV	MTH 232-5	Calculus IV	
MAT 215-5	Differential Equations	MTH 233-5	Differential Equations	
MAT 216-4	Elements of Linear Algebra II	MTH 253-3	Elementary Matrix Algebra	
Physics				
PHY 201-6	General Physics I	PHY 240-4	General Physics	
PHY 207-0	General Physics I Laboratory	PHY 200-1	General Physics Laboratory	
PHY 203-6	General Physics III	PHY 242-4	General Physics	
PHY 208-0	General Physics III Laboratory	PHY 202-1	General Physics Laboratory	
PHY 202-6	General Physics II	PHY 244-5	General Physics	
PHY 209-0	General Physics II Laboratory	PHY 204-1	General Physics Laboratory	
Chemistry				
CHE 151-5	General Chemistry I	CHM 121-5	Submicroscopic Chemistry	
Engineering				
ETD 211-5	Statics-Calculus based	ME 212-4	Statics	
ETD 212-5	Dynamics-Calculus based	ME 213-4	Dynamics	
EET 251-4	Digital Systems I	EE 260-4	Digital Comp HW/Switching Circuits	
EGR 261 (Note 1)	Egr Problem Solving Using C	CEG 220-4	Intro to C Programming for Engineers	
EGR 262 (Note 1)	Adv C++ Prog. w/ Egr. Applications	CEG 221-4	Advanced C Programming for Engineers	
General Education				
Area I				
ENG 111-3	English Composition I	ENG 101-4	Academic Reading and Writing	
ENG 112 or ENG 113	English Composition II	ENG 102-4	Writing in Academic Discourse	
Area II - Choose one from subcategory A and one from B				
A	HIS 111-3	Western Civilization I	HST 101-4	Western World: Ancient & Medieval Eras
	HIS 112-3	Western Civilization II	HST 102-4	Western World: 14th - 18th Centuries
	HIS 113-3	Western Civilization III	HST 103-4	Western World: 19th & 20th Centuries
B	GEO 202-3	World Geography II	CST 221-4	Comparative Nonwestern Environments
	LIT 234-3	Literature of Africa	CST 231-4	Comparative Nonwestern Worldviews
	REL 111-4	Eastern Religions	CST 232-4	Comparative Nonwestern Worldviews
	SOC 145-3	Comparing Cultures	CST 241-4	Comparative Nonwestern Cultures
	ART 125-3	African Art	CST 243-4	Comparative Nonwestern Cultures: Art
	HIS 217-3	Survey of East Asia	RST 261-4	Regional Studies: Japan/China
	HIS 215-3	Survey of African History	RST 271-4	Regional Studies: Africa
	HIS 216-3	Survey of Latin American History	RST 281-4	Regional Studies: Latin America
	HIS 219-3	Survey of the Middle East	RST 291-4	Regional Studies: Middle East
	Area III - Choose two			
PLS 200-3	Political Life	PLS 200-4	Political Life	
ECO 216 or 218	Principles of Economics I, II,	EC 204 or 205	Principles of Micro and Macroeconomics	
PSY 121 (Note 2)	General Psychology	PSY 105-4	Psychology: Science of Behavior	
SOC 111-3 or SOC 120	General Sociology I	SOC 200-4	Social Life	
Area IV - Choose one from subcategory A or B				
A	LIT 230-3	Great Books of the Western World	ENG 204-4	Great Books: Literature
	REL 204-4	Great Books: Bible & Western Culture	REL 204-4	Great Books: Bible and Western Culture
	PHI 204-4	Great Books of Philosophy	PHL 204-4	Great Books: Philosophy
B	ART 101-3	Art Appreciation I	ART 214-4	Visual Art in Western Culture
	ART 102-3	Art Appreciation II	ART 214-4	Visual Art in Western Culture
	MUS 115-3	Music Appreciation	MUS 214-4	Music in Western Culture
	THE 105-3	Intro to Theatre I	TH 214-4	Theatre in Western Culture
Area VI - College Component				
SME 101 - 5	Intro to Math for Engr Applications	EGR 101	Math for Engr Applications	
Additional Course Area				
Choose two courses from Areas II, III or IV (each from a different area). Do not take two from the same subcategory, except Area II.				

Note:

- CIS 233 and 234 may substitute for EGR 261 and EGR 262
- PSY 119 will transfer to WSU as PSY 105 and PSY 110, and will give credit toward both Area III and Area IV