

Electrical Engineering

Sinclair Community College

First- and Second-Year Plan of Study

(Uses MU Course Numbers)

First Year

First Semester	Second Semester
ENG111 (3)	ENG112 (3)
MTH151 (5)	MTH251 (4)
PHY181 (4)	PHY182 (4)
PHY183 (1)	PHY184 (1)
EAS101 (1)	EAS102 (3)
CSE153 (3)	Miami Plan Foundation (3)

Second Year

First Semester	Second Semester
ECE205 (3)	CHM141 (3)
ECE287 (4)	CHM144 (2)
MTH222 (3)	ECE305 (3)
MTH252 (4)	MTH347 (3)
Miami Plan Foundation (3)	Miami Plan Foundation (3)
	Miami Plan Biological Science (3)

Miami University/Sinclair Community College Course Equivalencies

Miami University			Sinclair Community College		
CHM 141/144	College Chemistry & Lab	3/2	CHE 151/152	General Chemistry	5/5
ECO 201	Principles of Microeconomics	3	ECO 218 OR ECO 201/202	Principles of Microeconomics	4
ENG 111/112	College Composition/Composition & Literature	3/3	ENG 111/112/113	English Composition I/II/III	3/3/3
MTH 151/251/252	Calculus I/II/III	5/4/4	MAT 201/202/203/204	Calculus & Analytic Geometry I/II/III	5/5/5
MTH 222	Introduction to Linear Algebra	3	MAT 216	Elementary Linear Algebra	5
PHY 181/182/183/184	The Physical World & Labs	4/4/1/1	PHY 201/202/203	College Physics I/II/III	6/6/6
Miami Plan Biological Science	TBD	3-4	Please see Miami Plan equivalencies chart	TBD	TBD
Miami Plan Fine Arts	TBD	3	Please see Miami Plan equivalencies chart	TBD	TBD
Miami Plan Humanities	TBD	3	Please see Miami Plan equivalencies chart	TBD	TBD
Miami Plan Global Perspectives	TBD	9	Please see Miami Plan equivalencies chart	TBD	TBD
CSE 153	Intro to "C" Programming	3	No known equivalent	N/A	N/A
EAS 101	Computing, Engineering & Society	1	No known equivalent	N/A	N/A
EAS 102	Problem Solving & Design	3	No known equivalent	N/A	N/A
ECE 205	Linear Circuit Analysis I	3	No known equivalent	N/A	N/A
ECE 287	Digital Systems Design	4	No known equivalent	N/A	N/A
ECE 305	Linear Circuit Analysis II	3	No known equivalent	N/A	N/A
MTH 347	Differential Equations for Engineers	3	No known equivalent	N/A	N/A