

Mechanical 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)
Miami Plan Foundation (3)	Miami Plan Foundation (3)

Second Year

First Semester	Second Semester
CHM141 (3)	STA368 (4)
CHM144 (2)	MME223 (3)
MME211 (3)	ECE205 (3)
MME213 (3)	Miami Plan Foundation (3)
ECO201 (3)	Miami Plan Foundation (3)
MTH245 (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	Calculus I/Calculus II	5/4	MAT 201/202/203	Calculus & Analytic Geometry I/II/III	5/5/5
MTH 222	Introduction to Linear Algebra	3	MAT 216	Elementary Linear Algebra	5
MTH 245	Differential Equations for Engineers	3	MAT 215	Elementary Differential Equations	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 Perspect.	TBD	9	Please see Miami Plan equivalencies chart	TBD	TBD
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
MME 211	Static Modeling of Mechanical Systems	3	No known equivalent	N/A	N/A

MME 213	Computational Methods in Engineering	3	No known equivalent	N/A	N/A
MME 223	Engineering Materials	3	No known equivalent	N/A	N/A
STA 368	Introduction to Statistics for Engineers	4	No known equivalent	N/A	N/A