

MECHANICAL ENGINEERING CONCENTRATION		
Fall Year 1		
Course Number	Course Name	Credit Hours
ENDS 1100	Introduction to Engineering	2
CADD 1100	Introduction to AutoCAD	3
EENG 1105	DC Circuits and Devices	3
ENGL 1101	English Composition I	3
MATH****	See below	3
CSCI 2218	Excel	3
Course Number	Spring Year 1	Credit Hours
PHYS 2201	General Physics (Algebra Based)	5
COMM 1115	Fundamental for Effective Speech	3
ENGL 2205	Technical Report Writing	3
ENDS 2233	Computer Aided Manufacturing	3
ENDS 2219	Tool Design and Manufacturing	3
Course Number	Fall Year 2	Credit Hours
ENDS 2201	Statics	3
ENDS 2205	Hydraulics and Pneumatics	3
ENDS 1143	Introduction to Product Design	3
ENDS 2261	Manufacturing Materials and Process	3
ENDS 2204	Mechanisms	3
Course Number	Spring Year 2	Credit Hours
ENDS 2202	Dynamics	3
ENDS 2203	Strength of Materials	3
ENDS 2221	Machine Design	3
CADD 1110	Introduction to SolidWorks	3
ELECTIVE	General Elective (Humanities or Social Sciences)	3

MATH****

Students wishing to transfer via the Miami partnership or other four-year degree **should** take MATH 1150 or higher

Students not wishing to transfer via the Miami partnership or other four-year degree **can** take MATH 1120 or 1141 or higher

Black – Core classes

Red – Mechanical Engineering Concentration classes