

COURSES TAKEN AS A MCCC STUDENT

						Course Credits
Year 1						
Fall	MAT 190 Calculus 1 4.0 CR	ENG 101 English 1 3.0 CR	PHY 151 Physics 1 4.0 CR	EGR 102 Intro to Engr 3.0 CR	EGR 111 Engr Computations 3.0 CR	17.0 CR MCCC
Spring	MAT 201 Calculus 2 4.0 CR	ENG 102 English 2 3.0 CR	PHY 152 Physics 2 4.0 CR	EGR 115 Engineering Graphics 3.0 CR	SPC 120 Public Speaking 3.0 CR	17.0 CR MCCC
Summer						0.0 CR MCCC
Year 2						
Fall	MAT 202 Calculus 3 4.0 CR	CHE 151 Chem 1 4.0 CR	EGR 211 Linear Electrical Systems I 4.0 CR	ESW Elective Core Goal 10 3.0 CR	EGR 203 Statics 3.0 CR	18.0 CR MCCC
Spring	MAT 223 Differential Equations 4.0 CR	BIO 121 General Biology 4.0 CR	HIS 101 West Civ 3.0 CR	Phi 101 Ethics 3.0 CR		14.0 CR MCCC
Summer	CHE 152 Chem 2 4.0 CR					4.0 CR MCCC

*Please follow the program of study as established by Montgomery County Community College, however the above courses are required for transfer to this BS Degree.

66.0 CR MCCC

COURSES TAKEN AS A DREXEL STUDENT

Year 3						
Fall	MEM 238 Dynamics 4.0 CR	ENGR 231 Linear Engr Systems 3.0 CR	ENGR 201 EPED I 3.0 CR	Math 320 Complex Variables 4.0 CR	ENGR 124 Computational 3.0 CR	17.0 CR DU
Winter	ENGR 210 Thermodyarnics 3.0 CR	ENGR 220 Materials 3.0 CR	ENGR 202 EPED II 3.0 CR	HIST 285-Tech in Hist Perspect 3.0 CR	ENGR 103 Engineering Design Lab 2.0 CR	14.0 CR DU
Spring	MEM 255 Intro to Controls 4.0 CR	MEM 230 Mechanics of Materials 4.0 CR	CIVE 240 Engr Econ Analysis 3.0 CR	MEM 220 Fluid Mechanics 4.0 CR		15.0 CR DU
Summer	MEM 355 Per of Dynamic Sys 4.0 CR	MEM 331 Experimental Mechanics 2.0 CR	PHIL 315-Engineering Ethics 3.0 CR	MEM 310 Thermodynamics 2 4.0 CR		13.0 CR DU
Year 4						
Fall	MEM 311 Thermal & Fluid Lab 2.0 CR	MEM 361 Engr Reliability 3.0 CR	MEM 333 Behavior of Materials 3.0 CR	MEM 435 Cad Cam 4.0 CR	COOP 101 0.0 CR	12.0 CR DU
Winter	MEM 351 Dynamic Sys Lab 2.0 CR	MEM 345 Heat Transfer 4.0 CR	MEM Fundamental Elective 4.0 CR	MEM Fundamental Elective 4.0 CR		14.0 CR DU
Spring	CO-OP					0.0 CR DU
Summer						0.0 CR DU
Year 5						
Fall	MEM 491 Senior Design I 3.0 CR	COE Open Elective 4.0 CR	MEM Fundamental Elective 3.0 CR	MATH/SCI Elective 4.0 CR		14.0 CR DU
Winter	MEM 492 Senior Design II 3.0 CR	MEM Fundamental Elective 4.0 CR	MEM Open Elecitive 3.0 CR	COE Open Elective 4.0 CR		14.0 CR DU
Spring	MEM 493 Senior Design III 3.0 CR	MEM Open Elective 4.0 CR	Free Elective 3.0 CR			10.0 CR DU

** Course offerings are subject to change.

	Pre-requisite for BS in Electrical Engineering
	Non-major specific Drexel classes
	Major specific Drexel classes
	Classes taken at MCCC
	Co-op

68.0 MCCC semester credits transfer as 95.0 Drexel quarter credits
110 Drexel quarter credits offered at MCCC

TOTAL 205.0 CR