Drexel @ BCC

Mechanical Engineering

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COURSES TAKEN AS A BCC STUDENT

					Course Credits	
Year 1						
Fall	MATH 118 Calculus 1 4.0 CR	ENG 101 English 1 3.0 CR	CHEM 115&116 Chem 1 4.0 CR	CSE 135 Programming 3.0 CR	14.0 CR	*BCC*
Spring	MATH 119 Calculus 2 4.0 CR	PHYS 210&211 Physics 1 4.0 CR	CHEM 117&118 Chem 2 4.0 CR	EGR 103 Engineering Design 3.0 CR	15.0 CR	*BCC*
Summer	MATH 220 Calculus 3 4.0 CR	ENG 102 English 2 3.0 CR			7.0 CR	*BCC*
Year 2						
Fall	EGR 201 Engineering Statics 4.0 CR	PHYS 212&213 Physics 2 4.0 CR	BIO 103&104 Biology 4.0 CR	Social Science (Group A) 3.0 CR	15.0 CR	*BCC*
Spring	MATH 230 Differential Equations 4.0 CR	Arts and Hummanities 3.0 CR	History Elective 3.0 CR	Social Science (Group B) 3.0 CR	13.0 CR	*BCC*
Summer	MATH 201 Linear Algebra 3.0 CR	Diversity Elective 3.0 CR			6.0 CR	*BCC*

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Year 3							
Fall	MEM 238 Dynamics 4.0 CR	MEM 201 Autocad 3.0 CR	ENGR 201 EPED I 3.0 CR	CIVE 240 Engr Econ Analysis 3.0 CR		13.0 CR	*DU*
Winter	ENGR 210 Thermodyamics 3.0 CR	ENGR 220 Materials 3.0 CR	ENGR 202 EPED II 3.0 CR	MEM 220 Fluid Mechanics 4.0 CR		13.0 CR	*DU*
Spring	MEM 255 Intro to Controls 4.0 CR	MEM 230 Mechanics of Materials 4.0 CR	MEM 310 Thermodynamics 2 4.0 CR	HIST 285-Tech in Hist Perspect 3.0 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	Math 291 Complex Numb & Vectors 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 3xx 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 431 Machine Design 4.0 CR	MEM 330 Mechanics of Mate 2 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	ECEP 490 Intro to Sustainable 3.0 CR	MEM 402 Power Plant Design 3.0 CR	Math 311 4.0 CR		13.0 CR	*DU*
Winter	MEM 492 Senior Design II 3.0 CR	MEM 423 Mechanics of Vibrations 4.0 CR	MEM 403 Gas Turbines and Jet 3.0 CR	ECEP 404 Intro to Nuclear 2.0 CR	Phys 330 Intro to Nuc Physics 2.0 CR	14.0 CR	*DU*
Spring	MEM 493 Senior Design III 3.0 CR	MEM 320 Fluid/Gas dynamics 4.0 CR	Free Elective 3.0 CR			10.0 CR	*DU*

** Course offerings are subject to change.

- Non-major specific Drexel classes
- Major specific Drexel classes
- Classes taken at BCC
- Co-op

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

TOTAL 205.0 CR

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