

**Drexel @ BCC**

Applied Engineering Technology (Mechanical Concentration)

**COURSES TAKEN AS A BCC STUDENT**

						Course Credits
<b>Year 1</b>						
<b>Fall</b>	ENG 101 - English Composition I 3.0 CR	MTH 130 - Pre-Calculus 4.0 CR	EET 121- Circuits I 4.0 CR	EGR 103-Engineering Design 3.0 CR		14.0 CR BCC
<b>Spring</b>	ENG 102-English Composition II 3.0 CR	MTH 118-Calculus I 4.0 CR	EET 141-Digital Circuits 4.0 CR	Soc 160-Society, Ethics, Tech. 3.0 CR	CSE 135-Comp. Programming 3.0 CR	17.0 CR BCC
<b>Summer</b>	EET 111-Electronic Graphics 3.0 CR	MTH 119-Calculus II 4.0 CR				7.0 CR BCC
<b>Year 2</b>						
<b>Fall</b>	Phy 110/111-Principles of Physics I 4.0 CR	EET 222-Circuits II 4.0 CR	EET 131-Solid State Devices 4.0 CR	EET 242-Microprocessors 4.0 CR		16.0 CR BCC
<b>Spring</b>	Phy 112/113-Principles of Physics II 4.0 CR	EET 232-Analog Circuits 4.0 CR	Program Elective 3.0 CR	SPE 102-Techniques of Speaking 3.0 CR	Arts and Humanities 3.0 CR	17.0 CR BCC
<b>Summer</b>	CHE 115/116-General Chemistry 4.0 CR	Eco 203-Microeconomics 3.0 CR				7.0 CR BCC

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<b>Year 3</b>							
<b>Fall</b>	MHT 205-Thermodynamics I 3.0 CR	EET 204-Intro to Nano Tech 3.0 CR	EET 311-Modeling EGR Sys 4.0 CR	MET 101-Manufacturing Materials 4.0 CR	COM 111-Prin. Of Communication 3.0 CR	COOP 101 0.0 CR	17.0 CR DU
<b>Winter</b>	MHT 206-Thermodynamics II 3.0 CR	MET 205-Robotics & Mech 3.0 CR	MET 213-Applied Mechanics 4.0 CR	EET 319-Prog Logic Controllers 4.0 CR	PHIL 315-Engineering Ethics 3.0 CR		17.0 CR DU
<b>Spring</b>	Co-op						
<b>Summer</b>	Co-op	MTH 143-Statistics 4.0 CR					4.0 CR BCC
<b>Year 4</b>							
<b>Fall</b>	MET 316-CNC 3.0 CR	MHT 222-Applied Dynamics 3.0 CR	MHT 226-Measurement Lab 3.0 CR	MET 421-Project Design I 3.0 CR	HIST 285-Tech in Hist Perspect 3.0 CR		15.0 CR DU
<b>Winter</b>	EET 203-NDE Material 4.0 CR	INDE 240-Technology Economics 3.0 CR	MET 407-Manufacturing Proc. 3.0 CR	MET 408-Manuf. Info Mgmt 3.0 CR	MET 422-Project Design II 3.0 CR		16.0 CR DU
<b>Spring</b>	MET 204-Quality Control 3.0 CR	MET 209-Fluid Power 3.0 CR	MHT 301-Fluid Mechanics I 3.0 CR	MHT 401-Mechanical Design I 4.0 CR	MET 423-Project Design III 3.0 CR		16.0 CR DU
<b>Summer</b>	EET 401-Microcontrollers w/ Lab 3.0 CR	MHT 314-Thermo & Heat Lab 3.0 CR	MET/EET/MHT-Technical Elective 3.0 CR	MET/EET/MHT-Technical Elective 3.0 CR	INDE 370-Industrial Project Man 3.0 CR		15.0 CR DU

\*\* Course offerings are subject to change.

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

82 BCC semester credits transfer as 91.5 Drexel quarter credits
96 Drexel quarter credits offered at BCC

<b>TOTAL</b>	<b>187.5 CR</b>
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