

Drexel @ BCC

Engineering Technology (Mechanical Concentration)

COURSES TAKEN AS A BCC STUDENT

						Course Credits
Year 1						
Fall	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
Spring	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
Summer	EET 111-Electronic Graphics 3.0 CR	MTH 119-Calculus II 4.0 CR				7.0 CR BCC
Year 2						
Fall	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
Spring	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
Summer	CHE 115/116-General Chemistry 4.0 CR	Eco 203-Microeconomics 3.0 CR				7.0 CR BCC

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

TOTAL	187.5 CR
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