

BC Course Code	BC Credits	BC Course Title	Foundation Prep Course Title	FPA Credit	FPA Graduation Plan
ARTS 1301	3	Art Appreciation	D1301 Art Art Appreciation	0.5	Fine Arts
BCIS 1405	4	Business Computer Applications	D1301 Tech Business Applications	0.5	Technology
BIOL 1306/1106 BIOL 1307/1107	4 4	General Biology I/Lab* & General Biology II/Lab*	D1301 Sci Advanced Biology	1	Science
BIOL 2301/2101 BIOL 2302/2102	4 4	Anatomy & Physiology I/Lab* & Anatomy & Physiology II/ Lab*	D1311 Sci Anatomy & Physiology	1	Science
CHEM 1311/1111 CHEM 1312/1112	4 4	General Chemistry I # *** /Lab* AND General Chemistry II # *** /Lab*	D1301 Sci Advanced Chemistry	1	Science
CJSA 1308 CRIJ 2314	3 3	Criminalistics I* AND Criminal Investigation*	D1301 Sci Forensic Science	1	Science
COSC 1320	4	Introduction to C++ Programming	D1321 Tech C++ Programming	0.5	Technology
DFTG 1309	3	Basic Computer Aided Drafting	D1341 Tech: Drafting	0.5	Technology
DRAM 1310	3	Introduction to the Theater	D1301 Drama Intro to Theater	0.5	Fine Arts
ENGL 1301 ENGL 1302	3 3	Composition & Rhetoric I* & Composition & Rhetoric II*	D1301 Eng English Composition	1	Elective
ENGL 2307	3	Creative Writing	D1311 Eng Creative Writing	0.5	Elective
ENVR 1301/1101 ENVR 1302/1102	4 4	Environmental Science I & Lab* AND Environmental Science II & Lab*	D1301 Sci Environmental Science	1	Science
GOVT 2305	3	Federal Government	D1211 Hist	.5	History
ITSE 1332	4	Introduction to Visual Basic	D1311 Tech Visual Basic	0.5	Technology
IMED 1316	3	Web Design I	D1331 Tech Web Development	0.5	Technology
MATH 1414 MATH 2412 (STEM Pathway) OR MATH 1324 MATH 1325 (Business Pathway) OR MATH 1314 MATH 1350 (Education Pathway)	4 3 3 3 3 3 3	College Algebra for Calculus*** Pre Calculus@***  OR Finite Mathematics@*** Business Calculus@***  OR College Algebra Fundamentals of Math@***	D1201 Math Trigonometry  D1201 Math Finite Math  D1201 Math Fundamentals	1	Math
MATH 1314 MATH 1342	3 3	College Algebra Statistics	D1201 Math Statistics	1	Math

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MATH 1332	3	Quantitative Reasoning	D1201 Math Quantitative Reasoning	0.5	Math
MATH 2413	4	Calculus I	D1301 Math Calculus	0.5	Math
MUSI 1306	3	Music Appreciation	D1301 Music Music History	0.5	Fine Arts
PHYS 1301/1101 & PHYS 1302/1102	4 4	College Physics I @ *** /Lab* & College Physics II @*** /Lab*	D1331 Sci Advanced Physics	1	Science
PSYC 1300	3	Learning Frameworks	D1301 Frmwks Learning Frameworks	0.5	Elective
PSYC 2301	3	General Psychology	D1311 GenPsyc General Psychology	0.5	Elective
SOCI 1301	3	Introduction to Sociology	D1301 Soci Intro to Sociology	0.5	Elective

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@ Prerequisite: College Algebra

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## WORKFORCE EDUCATION COURSES

Workforce education courses only count towards the Diploma Foundation Plan  
(not transferable to a university)

BC Course Code	BC Credits	BC Course Title	Foundation Prep Course Title	FPA Credit	FPA Graduation Plan
ACNT 1303	3	Into to Accounting 1 (office) @	D1301 Math Accounting	0.5	Foundation Plan: Math
AUMT1405	4	Intro to Automotive Technology	D1301 Sci Automotive Technology I	0.5	Foundation Plan: Science
AUMT 1410	4	Automotive Brake Systems	D1301 Sci Automotive Technology II	0.5	Foundation Plan: Science
AUMT 1407	4	Automotive Electrical Systems	D1301 Sci Automotive Technology III	0.5	Foundation Plan: Science
AUMT 1416	4	Automotive Suspension & Steering Systems	D1301 Sci Automotive Technology III	0.5	Foundation Plan: Science
CNBT 1301	3	Intro to Construction Industry	D1301 Math Principles of Manufacturing	0.5	Foundation Plan: Science

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CNBT 1311	3	Construction Methods and Materials I	D1301 Sci Construction Methods	0.5	Foundation Plan: Science
CNBT 1346	3	Construction Estimating I	D1301 Sci Construction Estimation	0.5	Foundation Plan: Science
CNBT 2310	3	Commercial/Industrial Blueprint Reading	D1301 Sci Blueprint	0.5	Foundation Plan: Science
CNBT 1380	3	Cooperative Education I – Construction Technology	D1301 Sci Coop Construction	0.5	Foundation Plan: Science
CNBT 2342	3	Construction Management	D1301 Sci Construction Management	0.5	Foundation Plan: Science
DRTG 1305	3	Technical Drafting	D1301 Math Technical Drafting	0.5	Foundation Plan: Math
DFTG 1309	3	Basic Computer Aided Drafting	D1301Sci Architectural Design I	0.5	Foundation Plan: Science
DFTG 1317	3	Architectural Drafting Residential	D1301Sci Architectural Design II	0.5	Foundation Plan: Science
ELPT 1319 ELPT 1329 ELPT 1319 ELPT 1345	3 3	Fundamentals of Electricity Residential Wiring OR Fundamentals of Electricity (NCCER) Commercial Wiring	D1301Sci Electrical Technology I	1	Foundation Plan: Science
ELPT 1357 ELPT 1329 ELPT 1357 ELPT 1345	3 3	Industrial Wiring Residential Wiring OR Industrial Wiring Commercial Wiring (NCCER)	D1301 Sci Electrical Technology II	1	Foundation Plan: Science
ELTN 1380	3	Cooperative Education I – Electrician	D1301 Sci Coop Electrician	0.5	Foundation Plan: Science
ENGL 1301 HUMA 1301	3 3	Composition & Rhetoric I* AND Intro Humanities*	D1301 English Composition & Humanities	1	Foundation Plan: English
HART 1410 HART 1401	4 4	Shop Practices and Tools Basics Electricity for HVAC	D1301 Sci HVAC & Refrigeration Technology I	1	Foundation Plan: Science
HART 1403 HART 1407	4 4	A/C Control Principles (NCCER) Refrigeration Principles (NCCER)	D1301 Sci HVAC & Refrigeration Technology II	1	Foundation Plan: Science

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HITT 1305	3	Medical Terminology I	D1301 Sci Medical Terminology	0.5	Foundation Plan: Science
INTC 1401 INTC 1315	4 4	Principles of Industrial Measurements AND Final Control Elements	D1301 Sci Instrumentation I	1	Foundation Plan: Science
ITSC 1301	3	Introduction to Computers	D1301 Tech	0.5	Foundation Plan: Technology
PTAC 1410 INTC 1441	4 4	Process Technology I – Equipment AND Principles of Automatic Control	D1301 Sci Instrumentation II	1	Foundation Plan: Science
MCHN 1338 MCHN 1341 OR MCHN 1325 MCHN 1329	3 3 3 3	Basic Machine Shop I Basic Machine Shop II OR Millwright I (NCCER) Millwright II (NCCER)	D1301 Sci Manufacturing I	1	Foundation Plan: Science
MCHN 1352 MCHN 1354 OR MCHN 2305 MCHN 2307	3 3 3 3	Intermediate Machining I Intermediate Machining II OR Millwright III (NCCER) Millwright IV (NCCER)	D1301 Sci Manufacturing II	1	Foundation Plan: Science
PFPB 1308 PFPB 1305	3 3	Basic Pipefitting Skills (NCCER) Basic Blueprint Reading for Pipefitters (NCCER)	D1301 Sci Plumbing Technology I	1	Foundation Plan: Science
PFPB 2301 PFPB 2307 OR PFPB 2310 PFPB 2349	3 3 3 3	Inter. Blueprint Reading for Pipefitters (NCCER) Pipe Fabrication & Installation I (NCCER) OR Inter. Blueprint Reading Field Measuring, Sketching & Layout	D1301 Sci Plumbing Technology II	1	Foundation Plan: Science
PTAC 1302	3	Introduction to Process Technology	D1301 Math Process Technology I	0.5	Foundation Plan: Math
PTAC 1410	4	Process Technology I - Equipment	D1301 Math Process Technology II	0.5	Foundation Plan: Math
PTAC 1432 PTAC1308	4 3	Process Instrumentation I AND Safety, Health, and Environment I	D1301 Sci Process Technology III	1	Foundation Plan: Science
WLDG 1428 WLDG 2443	4 4	Welding Fundamentals Intro Intro to Shielded Metal Acr Welding	D1301 Sci Welding I	1	Foundation Plan: Science

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WLDG 2406 WLDG 2447 OR WLDG 2406 WLDG 2451	4 4 4 4	Intermediate Pipe Welding Advanced Gas Metal Arc Welding  Intermediate Pipe Welding Advanced Gas Tungsten Arc Welding	D1301 Sci Welding II	1	Foundation Plan: Science

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