

Appendix B: College Workforce / High School Crosswalk

High School Requirement	College Course Number(S)	College Course Name:	Credit Hours	Accepted by the College as part of:	Core Class
Accounting & Financial Services					
Accounting & Financial Services	ACNT 1303	Introduction to Accounting 1	3	Level 1 Accounting Certificate	no
Accounting & Financial Services	ACNT 1304	Introduction to Accounting 2	3	Level 1 Accounting Certificate	no
Accounting & Financial Services	ACNT 1311	Computerized Accounting	3	Level 1 Accounting Certificate	no
Accounting & Financial Services	ACNT 1313	Computerized Accounting Applications	3	Level 1 Accounting Certificate	no
Accounting & Financial Services	BUSI 2304	Business Report Writing & Correspondence	3	Level 1 Accounting Certificate	no
Accounting & Financial Services	ITSW 2334	Advanced Spreadsheets	3	Level 1 Accounting Certificate	no
Advertising/Graphic Design					
GraphDesign	ARTC 1305	Basic Graphic Design	3	Level I Graphic Design Cert.	no
GraphDesign	ARTC 1325	Introduction to Computer Graphics	3	Level I Graphic Design Cert.	no
GraphDesign	ARTC 1302	Digital Imaging I	3	Level I Graphic Design Cert.	no
GraphDesign	ARTC 1313	Digital Publishing I	3	Level I Graphic Design Cert.	no
GraphDesign	ARTC 1317	Design Communication I	3	Level I Graphic Design Cert.	no
Animal Science					
Animal Science	AGCR 1304	Introduction to Sustainable Agriculture	3	Elective	no
Animal Science	AGEQ 1305	Equine Enterprise Management	3	Elective	no
Animal Science	AGAH 1301	Animal Science	3	Elective	no
Animal Science	AGMG 1344	Agricultural Records Management	3	Elective	no
Animal Science	AGMG 2306	Livestock and Meats Marketing	3	Elective	no
Animal Science	AGAH 1343	Animal Health	3	Elective	no
Animal Science	VTHT 2209	Food Animal Clinical Management	2	Elective	no
Animal Science	VTHT 1301	Introduction to Veterinary Technology	3	Elective	no
Animal Science	VTHT 1205	Veterinary Medical Terminology	2	Elective	no
Arts, A/V Technology and Communications					
Arts, A/V Technology and Communications	RTVB 1317	Convergence of Electronic Media	3	Elective	no
Arts, A/V Technology and Communications	RTVB 1302	Computer Applications for Media Production	3	Elective	no
Arts, A/V Technology and Communications	RTVB 1309	Audio Production I	3	Elective	no
Arts, A/V Technology and Communications	RTVB 2338	Business Aspects of the Media Industry	3	Elective	no
Arts, A/V Technology and Communications	RTVB 2340	Portfolio Development	3	Elective	no
Automotive Technology					
AutoTech	AUMT 1405	Introduction to Automotive Technology	4	Level I Automotive Cert.	no
AutoTech	AUMT 1407	Automotive Electrical Systems	4	Level I Automotive Cert.	no
Auto Tech	AUMT 1410	Automotive Brake Systems	4	Level I Automotive Cert.	no
Auto Tech	AUMT 1316	Automotive Suspension & Steering Sys	3	Level I Automotive Cert.	no
Business, Marketing, and Finance					
Entrepreneurship	BUSG 1301	Introduction to Business	3	Business Management Certificate	no
Entrepreneurship	ITSC 1309	Integrated Software Applications I	3	Multiple CIT Certificates	no
Entrepreneurship	BUSG 1307	Entrepreneurship and Economic Development	3	Entrepreneurship Certificate	no
Business Management					
Business Management	BUSG 1301	Introduction to Business	3	Level 1 Business Management Certificate	no
Business Management	BUSG 1302	E-Business Management	3	Level 1 Business Management Certificate	no
Business Management	BMGT 1327	Principles of Management	3	Level 1 Business Management Certificate	no
Business Management	HRPO 2307	Organizational Behavior	3	Level 1 Business Management Certificate	no
Business Management	BUSG 1304	Financial Literacy	3	Level 1 Business Management Certificate	no
Business Management	POFI 1301	Computer Applications I	3	Level 1 Business Management Certificate	no
Construction Management and Inspection					
Construction Management and Inspection	OSHT 1320	Industrial Safety	3	Elective	no
Construction Management and Inspection	DFTG 1325	Blueprint	3	Elective	no
Construction Management and Inspection	ELPT 1311	Basic Electrical	3	Elective	no
Construction Management and Inspection	* 1381 OR * 2388	Cooperative Education OR Internship	3	Elective	no
Construction Management and Inspection	HART 1307	Refrigeration Principles	3	Elective	no
	* Course Prefix will vary depending on area of focus				

Cosmetology/Barbering					
Cosmetology and Personal Care Services	CSME 1401	Orientation to Cosmetology	4	Level I Operator Certificate	no
Cosmetology and Personal Care Services	CSME 1310	Introduction to Haircutting & Theory	3	Level I Operator Certificate	no
Cosmetology and Personal Care Services	CSME 1443	Manicuring and Related Therapy	3	Level I Operator Certificate	no
Cosmetology and Personal Care Services	CSME 1453	Chemical Reformation & Related Theory	4	Level I Operator Certificate	no
Cosmetology and Personal Care Services	CSME 2401	Principles of Hair Coloring & Theory	4	Level I Operator Certificate	no
Cosmetology and Personal Care Services	CSME 1254	Artistry of Hair Design I	3	Level I Operator Certificate	no
Cosmetology and Personal Care Services	CSME 1348	Principles of Skin Care	3	Level I Operator Certificate	no
Cosmetology and Personal Care Services	CSME 2336	Advanced Cosmetology Applications and Related Theory	3	Level I Operator Certificate	no
Cosmetology and Personal Care Services	CSME 1308	Principles of Eyelash Extensions	3	Level I Operator Certificate	no
Cosmetology and Personal Care Services	CSME 2351	Preparation for State Licensing Practical Examination	3	Level I Operator Certificate	no
Criminal Justice					
Crim Justice	CJSA 1322	Introduction to Criminal Justice	3	A.A.S. Criminal Justice	no
Crim Justice	CJSA 1313	Court Systems and Practices	2	A.A.S. Criminal Justice	no
Crim Justice	CJLE 1345	Intermediate Crime Scene Investigation	3	A.A.S. Criminal Justice	no
Crim Justice	CJLE 1325	Criminal Justice Survey	4	A.A.S. Criminal Justice	no
Crim Justice	CJSA 1327	Fundamentals of Criminal Law	3	A.A.S. Criminal Justice	no
Culinary Arts					
CulArts	RSTO 1325	Purchasing for Hospitality Operations	3	Level I Culinary Certificate	no
CulArts	CHEF 1305	Sanitation & Safety	3	Level I Culinary Certificate	no
CulArts	CHEF 1301	Basic Food Preparation	3	Level I Culinary Certificate	no
CulArts	CHEF 1310	Garde Manager	3	Level I Culinary Certificate	no
CulArts	CHEF 1340	Meat Preparation and Cooking	3	Level I Culinary Certificate	no
CulArts	CHEF 1302	Principles of Healthy Cuisine	3	Level I Culinary Certificate	no
CulArts	CHEF 2301	Intermediate Food Preparation	3	Level I Culinary Certificate	no
CulArts	PSTR 1301	Fundamentals of Baking	3	Level I Culinary Certificate	no
Education and Training					
Education and Training	EDUC 1300	Learning Framework	3	Associate of Arts in Teaching	
Education and Training	CDEC 1311	Educating Young Children	3	Elective	no
Education and Training	CDEC 1343 or CDEC 1354/FECA 1354	Independent Study in Child Development or Child Growth and Development	3	Elective	no
Education and Training	CDEC 1392	Special Topics in Child Development	3	Elective	no
Education and Training	EDUC 1301	Introduction to Education	3	Associate of Arts in Teaching	no
Emergency Medical Services					
EMT	EMSP 1305	Emergency Care Attendant	4	Level I EMT Certificate	no
EMT	EMSP 1501	Emergency Medical Technician	5	Level I EMT Certificate	no
EMT	EMSP 1160	Clinical – EMT Technician	1	Level I EMT Certificate	no
Engineering Foundations Program of Study					
IntermCAD	DFTG 1409	Basic Computer Assisted Drafting	4	Drafting Elective	no
IntermCAD	DFTG 1325	Blueprint Reading & Sketching	3	Level I Certificate or AAS in multiple areas	no
IntermCAD	DFTG 1445	Parametric Modeling and Design	4	Drafting Elective	no
IntermCAD	DFTG 2419	Intermediate Computer Aided Drafting	4	Drafting Elective	no
IntermCAD	DFTG 2335	Advanced Technologies and Mechanical Desing in Drafting	3	Drafting Elective	no
Fire Protection					
Fire Pro	FIRS 1301	Firefighter Certification I	3	A.A.S. Fire Protection	no
Fire Pro	FIRS 1407	Firefighter Certification II	4	A.A.S. Fire Protection	no
Fire Pro	FIRS 1313	Firefighter Certification III	3	A.A.S. Fire Protection	no
Fire Pro	FIRS 1319	Firefighter Certification IV	3	A.A.S. Fire Protection	no
Fire Pro	FIRS 1323	Firefighter Certification V	3	A.A.S. Fire Protection	no
Fire Pro	FIRS 1329	Firefighter Certification VI	3	A.A.S. Fire Protection	no
Fire Pro	FIRS 1433	Firefighter Certification VII *	4	A.A.S. Fire Protection	no
		* not offered dual credit at all locations			
Food Science and Technology					
Food Science and Technology	AGCR 1304	Introduction to Sustainable Agriculture	3	Elective	no
Food Science and Technology	IFWA 1319	Meat Identifying and Processing	3	Elective	no
Food Science and Technology	FDST 1391	Special Topics Food Science	3	Elective	no

Food Science and Technology	AGMG 2306	Livestock & Meat Marketing	3	Elective	no
Food Science and Technology	AGMG 1344	Agricultural Records Management	3	Elective	no
Food Science and Technology	AGMG 1391	Special Topics Agricultural Business & Management	3	Elective	no
Heating, Ventilation, & Air Conditioning (HVAC)					
Heating, Ventilation, & Air Conditioning (HVAC)	OSHT 1320	Industrial Safety	3	Level 1 Residential A/C Certificate and AAS HVAC	no
Heating, Ventilation, & Air Conditioning (HVAC)	DFTG 1325	Blueprint	3	Level 1 Residential A/C Certificate and AAS HVAC	no
Heating, Ventilation, & Air Conditioning (HVAC)	ELPT 1311	Basic Electrical	3	Level 1 Residential A/C Certificate and AAS HVAC	no
Heating, Ventilation, & Air Conditioning (HVAC)	HART 1383	Cooperative Education OR Internship	3	AAS HVAC	no
Heating, Ventilation, & Air Conditioning (HVAC)	HART 1307	Refrigeration Principles	3	Level 1 Residential A/C Certificate and AAS HVAC	no
Heating, Ventilation, & Air Conditioning (HVAC)	HART 1341	Residential Air Conditioning	3	Level 1 Residential A/C Certificate and AAS HVAC	no
Heating, Ventilation, & Air Conditioning (HVAC)	HART 2336	Air Conditioning Troubleshooting	3	Level 1 Residential A/C Certificate and AAS HVAC	no
Heating, Ventilation, & Air Conditioning (HVAC)	HART 1345	Gas and Electric Heating	3	Level 1 Residential A/C Certificate and AAS HVAC	no
Heating, Ventilation, & Air Conditioning (HVAC)	HART 2449	Heat Pumps	3	Level 1 Residential A/C Certificate and AAS HVAC	no
Health Science - Clinical Medical Assistant					
Clinical Medical Assistant	MDCA 1313	Medical Terminology	3	Level 1 CMA Certificate	no
Patient Care Tech	ECRD 1291	Electrocardiograph	2	Level 1 CMA Certificate	no
Patient Care Tech	PLAB 1323	Phlebotomy	3	Level 1 CMA Certificate	no
Clinical Medical Assistant	MDCA 1348	Pharmacology and Administrations of Medications	3	Level 1 CMA Certificate	no
Clinical Medical Assistant	MDCA 1417	Medical Assistant Procedures	4	Level 1 CMA Certificate	no
Clinical Medical Assistant	MDCA 1160	Clinical/Medical/Clinical Assistant	1	Level 1 CMA Certificate	no
Health Science - Nursing Assistant					
NurseAide	MDCA 1313	Medical Terminology	3	Level 1 CNA Certificate	no
NurseAide	NURA 1407	Body Systems	4	Level 1 CNA Certificate	no
Patient Care Tech	ECRD 1291	Electrocardiograph	2	Level 1 CNA Certificate	no
Patient Care Tech	PLAB 1323	Phlebotomy	3	Level 1 CNA Certificate	no
NurseAide	NURA 1420	Patient Care Technician/Assistant	4	Level 1 CNA Certificate	no
NurseAide	NURA 1160	Clinical/Nursing Assistant/Aide	1	Level 1 CNA Certificate	no
Health Science - Patient Care Technician					
Patient Care Tech	MDCA 1313	Medical Terminology	3	Level 1 PCT Certificate	no
Patient Care Tech	ECRD 1291	Electrocardiograph	2	Level 1 PCT Certificate	no
Patient Care Tech	NURA 1407	Body Systems	4	Level 1 PCT Certificate	no
Patient Care Tech	PLAB 1323	Phlebotomy	3	Level 1 PCT Certificate	no
Patient Care Tech	NUPC 1420	Patient Care Technician/Assistant	4	Level 1 PCT Certificate	no
Patient Care Tech	NUPC 1160	Clinical - Patient Care Assistant/Aide	1	Level 1 PCT Certificate	no
Health Science - Pharmacy Technology					
Pharm Tech	MDCA 1313	Medical Terminology	3	Level 1 Pharmacy Tech Cert.	no
Pharm Tech	PHRA 1301	Introduction to Pharmacy Structure	3	Level 1 Pharmacy Tech Cert.	no
Pharm Tech	PHRA 1313	Pharmacy Technician Practice in Comm.	3	Level 1 Pharmacy Tech Cert.	no
Pharm Tech	PHRA 1305	Applying Pharmacology to Practice	3	Level 1 Pharmacy Tech Cert.	no
Pharm Tech	PHRA 1160	Pharmacy Technician Clinicals	1	Level 1 Pharmacy Tech Cert.	no
Industrial Maintenance/Instrumentation & Electrical Technology					
OccSafety	OSHT 1320	Industrial Safety	3	Level 1 INMT Certificate	no
ElectTech	ELPT 1311	Basic Electrical Theory	3	Level 1 INMT Certificate	no
AC/DC Elect	INTC 1357	AC/DC Motor Control	3	Level 1 IETA Certificate	no
Information Technology					
Information Tech	ITSE 1359	Intro to Scripting Languages	3	A.A.S. Computer Support Specialist	no
Information Tech	ITSY 1342	Information Technology Security	3	A.A.S. Computer Support Specialist	no
Information Tech	ITSC 1319	Internet/Web Page Development	3	A.A.S. Computer Support Specialist	no
Information Tech	ITSC 1316	Linux Installation and Configuration	3	A.A.S. Computer Support Specialist	no
Manufacturing Technology Electrical Path					
Manufacturing Technology Electrical Path	INMT 1319	Manufacturing Processes	3	Level 1 Electrical Certificate	no
Manufacturing Technology Electrical Path	DFTG 1325	Blueprint Reading & Sketching	3	Level 1 Electrical Certificate	no
Manufacturing Technology Electrical Path	OSHT 1320/INTC 1353	Industrial Safety/Analog Controls II	3 & 3	Level 1 Electrical Certificate	no
Manufacturing Technology Electrical Path	ELPT 2319/MFGT 1404	Programmable Logic Controllers/Automated Manufacturing	3 & 4	Level 1 Electrical Certificate	no

Manufacturing Technology Machining Path					
Manufacturing Technology Machining Path	INMT 1319	Manufacturing Processes	3	Level I Mechanical Certificate	no
Manufacturing Technology Machining Path	DFTG 1325	Blueprint Reading & Sketching	3	Level I Mechanical Certificate	no
Manufacturing Technology Machining Path	OSHT 1320/INTC 1353	Industrial Safety/Analog Controls II	3 & 3	Level I Mechanical Certificate	no
Manufacturing Technology Machining Path	HYDR 1345/INMT 2303	Hydraulics and Pneumatics/Pumps, Compressors, and Mechanical Drivers	3 & 3	Level I Mechanical Certificate	no
Manufacturing Technology Mechanical Path					
Manufacturing Technology Mechanical Path	INMT 1319	Manufacturing Processes	3	Level I Machining Certificate	no
Manufacturing Technology Mechanical Path	DFTG 1325	Blueprint Reading & Sketching	3	Level I Machining Certificate	no
Manufacturing Technology Mechanical Path	MCHN 1320/MCHN 1338	Precision Tools & Measuring / Basic Machine Shop I	3 & 3	Level I Machining Certificate	no
Manufacturing Technology Mechanical Path	MCHN 2303/MCHN 2334	Fundamentals of Computer Numerical Controlled (CNC) Machine Controls / Operation of CNC Machining Centers	3 & 3	Level I Machining Certificate	no
Plant Science					
Plant Science	AGCR 1304	Introduction to Sustainable Agriculture	3	Elective	no
Plant Science	HALT 1301	Principles of Horticulture	3	Elective	no
Plant Science	HALT 2308	Greenhouse Management	3	Elective	no
Plant Science	FMKT 1301	Floral Design	3	Elective	no
Plant Science	FMKT 2331	Advanced Floral Design	3	Elective	no
Plant Science	AGMG 1344	Agricultural Records Management	3	Elective	no
Plumbing and Pipefitting					
Plumbing and Pipefitting	PPFB 1413	Introduction to the Plumbing Trade	4	Elective	no
Plumbing and Pipefitting	OSHT 1320	Industrial Safety	3	Elective	no
Plumbing and Pipefitting	PPFB 1350	Plumbing and Pipefitting Equipment and Safety	3	Elective	no
Plumbing and Pipefitting	PPFB 1321	Plumbing Maintenance & Repair	3	Elective	no
Plumbing and Pipefitting	PPFB 2309	Residential Construction Plumbing I	3	Elective	no
Plumbing and Pipefitting	PPFB 2336	Commercial Construction and Fixture Setting	3	Elective	no
Process Technology					
ProcessTech	PTAC 1302	Introduction to Process Technology	3	A.A.S. Process Technology	no
ProcessTech	OSHT 1320	Industrial Safety	3	A.A.S. Process Technology	no
ProcessTech	PTAC 1310	Process Technology I Equipment	3	A.A.S. Process Technology	no
ProcessTech	PTAC 1332	Process Instrumentation I	3	A.A.S. Process Technology	no
ProcessTech	PTAC 2420	Proc. Tech II & Systems	4	A.A.S. Process Technology	no
Programming and Software Development					
Programming and Software Development	ITSC 1301	Introduction to Computers	3	Level 2 Software Support Certificate	no
Programming and Software Development	ITSE 1359	Introduction to Scripting Languages	3	Level 2 Software Support Certificate	no
Programming and Software Development	COSC 1436	Programming Fundamentals I	4	A.S. Computer Science	no
Programming and Software Development	COSC 1437	Programming Fundamentals II	4	A.S. Computer Science	no
Programming and Software Development	COSC 2436	Programming Fundamentals III	4	A.S. Computer Science	no
Welding					
Welding	OSHT 1320	Industrial Safety	3	Level I Welding Certificate	no
Welding	DFTG 1325	Blue Print Reading	3	Level 1 Welding Certificate	no
Welding	WLDG 1421	Welding Fundamentals	4	Level I Welding Certificate	no
Welding	WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW)	4	Level I Welding Certificate	no
Welding	WLDG 1457	Intermediate SMAW	4	Level I Welding Certificate	no
Welding	WLDG 2443	Advanced SMAW	4	Level I Welding Certificate	no