Appendix A: College Academic / High School Crosswalk

High School Requirement	College Course Number	College Course Name:	Credit Hours	Accepted by the College as:	Core Class
English					
English III or IV	ENGL 1301	Comp. & Rhetoric I	3	Communication Core	yes
English III or IV	ENGL 1302	Comp. & Rhetoric II	3	Communication Core	yes
English IV	ENGL 2322	British Literature I	3	Language, Philosophy, Culture Core or Elective	yes
English IV	ENGL 2323	British Literature II	3	Language, Philosophy, Culture Core or Elective	yes
English III	ENGL 2326	American Literature	3	Language, Philosophy, Culture Core or Elective	yes
Mathematics					
4th Math or Algebra II	MATH 1314	College Algebra	3	Mathematics Core or Elective	yes
4th Math	MATH 1342	Elementary Statistical Methods	3	Mathematics Core or Elective	yes
4th Math	MATH 1332	Contemporary Mathematics	3	Mathematics Core or Elective	yes
4th Math	MATH 1324	Math for Business & Social Science	3	Mathematics Core or Elective	yes
4th Math	MATH 1325	Calculus for Business & Social Sci.	3	Mathematics Core or Elective	yes
4th Math	MATH 2412	Pre-Calculus Math	4	Mathematics Core or Elective	yes
4th Math	MATH 2413	Calculus I	4	Mathematics Core or Elective	yes
4th Math	MATH 2414	Calculus II	4	Mathematics Core or Elective	yes
Science					
4th Science Elective	GEOL 1301	Earth Science for non-Science majors	3	Life and Physical Sicences Core or Elective	yes
4th Science Elective	GEOL 1403	Physical Geology	4	Life and Physical Sicences Core or Elective	yes
4th Science Elective	GEOL 1404	Historical Geology	4	Life and Physical Sicences Core or Elective	yes
4th Science Elective	BIOL 1309	Biology II for Non-Science majors	3	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	BIOL 1406	Biology I for Science majors	4	Life and Physical Sicences Core or Elective	yes
4th Science Elective	BIOL 1407	Biology for Science majors II	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	BIOL 1408	Biology I for Non-Science majors	4	Life and Physical Sicences Core or Elective	yes
4th Science Elective	BIOL 1409	Biology II for Non-Science majors	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	BIOL 2404	Anatomy & Physiology	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	BIOL 2406	Environmental Biology for Non-Science majors	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	PHYS 1401	College Physics I	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	PHYS 1303	Stars & Galaxies	3	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	PHYS 1404	Solar System	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	PHYS 1405	Elementary Physics I	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	PHYS 2425	University Physics I	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	PHYS 2426	University Physics II	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	CHEM 1411	Chemistry I for Science majors	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	CHEM 1412	Chemistry II for Science majors	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	CHEM 1405	Chemistry for Non-Science majors	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	CHEM 1406	Chemistry I for Allied Health	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	BIOL 2401	Human Anatomy & Physiology I	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	BIOL 2402	Human Anatomy & Physiology II	4	Life and Physical Sicences Core or Elective	Yes
4th Science Elective	ENVR 1401	Environmental Biology for Non-Science majors	4	Life and Physical Sicences Core or Elective	Yes
Social Studies					
World History I	HIST 2321	World Civilization I	3	Language, Philosophy, Culture Core or Elective	Yes
World History II	HIST 2322	World Civilization II	3	Language, Philosophy, Culture Core or Elective	Yes
History					
U.S. History or Advanced Elective	HIST 1301	United States History I	3	American History Core	Yes
U.S. History	HIST 1302	United States History II	3	American History Core	Yes
Social & Behavioral Sciences					
Psychology Elective	PSYC 2301	Introduction to Psychology	3	Social and Behavioral Sciences Core or Elective	Yes
Psychology Elective	PSYC 2314	Lifespan Growth and Development	3	Social and Behavioral Sciences Core or Elective	Yes
Sociology Elective	SOCI 1301	Introduction to Sociology	3	Social and Behavioral Sciences Core or Elective	Yes
Government					
U.S. Government	GOVT 2305	Federal Government	3	Government/Political Science Core	Yes
Government Advanced Elective	GOVT 2306	Texas Government	3	Government/Political Science Core	Yes
Economics					
Economics	ECON 2301	Prin. Of Macroeconomics	3	Social and Behavioral Sciences Core or Elective	Yes
Fine Arts					
Music Elective	MUSI 1306	Music Appreciation	3	Creative Arts Core or Elective	Yes
Art Elective	ARTS 1301	Art Appreciation	3	Creative Arts Core or Elective	Yes
Theater Elective	DRAM 1310	Theatre Appreciation	3	Creative Arts Core or Elective	Yes
Theater Elective	DRAM 2366	Introduction to Cinema	3	Creative Arts Core or Elective	Yes
Speech					
Speech	SPCH 1315	Public Speaking	3	Component Area Option 1 Core	Yes
Elective Credit Options					
Elective	EDUC 1300	Learning Frameworks	3	Component Area Option 2 Core	Yes
Elective	BCIS 1305	Introduction to Computing	3	Component Area Option 2 Core	Yes
Elective	BUSI 1301	Business Principles	3	Field of Study	No
Elective	ACCT 2301	Principles of Financial Accounting	3	Field of Study	No
Elective	ACCT 2302	Principles of Managerial Accounting	3	Field of Study	No
Elective	BUSI 2305	Business Statistics	3	Field of Study	No
Criminal Justice (transfer)					
Elective	CRIJ 1301	Introduction to Criminal Justice	3	Field of Study	No
Elective	CRIJ 1306	Court Systems & Practices	3	Field of Study	No
Elective	CRIJ 2313	Correctional Systems & Practices	3	Field of Study	No
Elective	CRIJ 1310	Fundamentals of Criminal Law	3	Field of Study	No
Elective	CRIJ 2328	Police Systems & Practices	3	Field of Study	No

Appendix B: College Workforce / High School Crosswalk

High School Requirement	College Course Number	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 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
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
Adv Auto	AUMT 1410	Automotive Brake Systems	4	Level I Automotive Cert.	no
Adv Auto	AUMT 1316	Automotive Suspension & Steering Sys	3	Level I Automotive Cert.	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	Organizatonal Behavior	3	Level 1 Business Management Certificate	no
Business Management	BUSG 1304	Financial Literacy	3	Level 1 Business Management Certificate	no
Business Management	BCIS 1305	Business Computer Applications	3	Level 1 Business Management Certificate	no
Construction Management and Inspection					
Construction Management and Inspection	ENTC 1347	Safety & Ergonomics	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					
CosMet 1	CSME 1401	Orientation to Cosmetology	4	Level I Operator Certificate	no
CosMet 1	CSME 1310	Introduction to Haircutting & Theory	3	Level I Operator Certificate	no
CosMet 1	CSME 1443	Manicuring and Related Therapy	3	Level I Operator Certificate	no
CosMet 1	CSME 1453	Chemical Reformation & Related Theory	4	Level I Operator Certificate	no
CosMet 2	CSME 2401	Principles of Hair Coloring & Theory	4	Level I Operator Certificate	no
CosMet 2	CSME 1354	Artistry of Hair Design I	3	Level I Operator Certificate	no
CosMet 2	CSME 1355	Artistry of Hair Design II	3	Level I Operator Certificate	no
CosMet 2	CSME 1348	Principles of Skin Care	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	CJLE 1249	Intermediate Arrest, Search & Seizure	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 1425	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
Crim Justice	CJLE 1333	Traffic Law and Investigation	3	A.A.S. Criminal Justice	no
Culinary Arts					
CulArts	RSTO 1325	Dining Room Services	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
CulArts	HAMG 1321	Introduction to Hospitality Industry	2	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/TECA 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 1471	Anatomy & Physiology for EMT	4	Level I EMT Certificate	no
EMT	EMSP 1501	Emergency Medical Technician	5	Level I EMT Certificate	no
EMT	EMSP 1001	Emergency Medical Technician	Continuing Ed. Hours	Level I EMT Certificate	no
EMT	EMSP 1160	Clinical – EMT Technician	1	Level I EMT Certificate	no
EMT	EMSP 1060	Clinical – EMT Technician	Continuing Ed. Hours	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 Welding Certificate	no
IntermCAD	DFTG 1445	Parametric Modeling and Design	4	Drafting Elective	no
IntermCAD	DFTG 2419	Intermediate Computer Aided Drafting	4	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)	DFTG 1325	Blueprint	3	Level 1 HVAC Certificate	
Heating, Ventilation, & Air Conditioning (HVAC)	HART 1307	Refrigeration Principles	3	Level 1 HVAC Certificate	
Heating, Ventilation, & Air Conditioning (HVAC)	ELPT 1311	Basic Electrical	3	Level 1 HVAC Certificate	
Heating, Ventilation, & Air Conditioning (HVAC)	HART 1341	Residential AC	3	Level 1 HVAC Certificate	
Heating, Ventilation, & Air Conditioning (HVAC)	ENTC 1347	Safety & Ergonomics	3	Level 1 HVAC Certificate	
Heating, Ventilation, & Air Conditioning (HVAC)	INTC 1353	Analog Controls	3	Level 1 HVAC Certificate	
Health Science - Nursing Assistant					
NurseAide	MDCA 1313	Medical Terminology	3	Level I CNA Certificate	no
NurseAide	MDCA 1205	Medical Law & Ethics	2	Level I CNA Certificate	no
NurseAide	NURA 1407	Body Systems	4	Level I CNA Certificate	no
NurseAide	RNSG 1201	Pharmacology	2	Level I CNA Certificate	no

NurseAide	NURA 1401	Nurse Aide for Health Care	4	Level I CNA Certificate	no
NurseAide	NURA 1160	Clinical/Nursing Assistant/Aide	1	Level I CNA Certificate	no
Health Science - Patient Care Technician					
Patient Care Tech	MDCA 1313	Medical Terminology	3	Level I PCT Certificate	no
Patient Care Tech	ECRD 1291	Electrocardiograph	2	Level I CNA Certificate	no
Patient Care Tech	NURA 1407	Body Systems	4	Level I CNA Certificate	no
Patient Care Tech	PLAB 1323	Phlebotomy	3	Level I CNA Certificate	no
Patient Care Tech	NUPC 1420	Patient Care Technician/Assistant	4	Level I CNA Certificate	no
Patient Care Tech	NUPC 1160	Clinical - Patient Care Assistant/Aide	1	Level I CNA Certificate	no
Industrial Maintenance/Instrumentation & Electrical Technology					
OccSafety	ENTC 1347	Safety & Ergonomics	3	Level I INMT Certificate	no
ElectTech	ELPT 1311	Basic Electrical Theory	3	Level I INMT Certificate	no
AC/DC Elect	INTC 1357	AC/DC Motor Control	3	Level I 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
Pharmacy Technology					
Pharm Tech	PHRA 1001	Introduction to Pharmacy Structure	Continuing Ed. Hours	Level I Pharmacy Tech Cert.	no
Pharm Tech	PHRA 1013	Pharmacy Technician Practice in Comm.	Continuing Ed. Hours	Level I Pharmacy Tech Cert.	no
Pharm Tech	PHRA 1005	Applying Pharmacology to Practice	Continuing Ed. Hours	Level I Pharmacy Tech Cert.	no
Pharm Tech	PHRA 1061	Pharmacy Technician Clinicals	Continuing Ed. Hours	Level I Pharmacy Tech Cert.	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	PFPB 1413	Introduction to the Plumbing Trade	4	Elective	no
Plumbing and Pipefitting	ENTC 1347	Safety & Ergonomics	3	Elective	no
Plumbing and Pipefitting	PFPB 1350	Plumbing and Pipefitting Equipment and Safety	3	Elective	no
Plumbing and Pipefitting	PFPB 1421	Plumbing Maintenance & Repair	4	Elective	no
Plumbing and Pipefitting	INMT 2388	Internship- Manufacturing Technology	3	Elective	no
Process Technology					
ProcessTech	PTAC 1302	Introduction to Process Technology	3	A.A.S. Process Technology	no
ProcessTech	ENTC 1347	Safety & Ergonomics	3	A.A.S. Process Technology	no
ProcessTech	PTAC 1310	Process Technology I Equipment	3	A.A.S. Process Technology	no
ProcessTech	PTAC 1408	Safety, Health & Environment I	4	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	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	ENTC 1347	Safety & Ergonomics	3	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