English	High School Requirement	k College Course Number	College Course Name:	Credit Hours	Accepted by the College as:	Core Class
0	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
cience						
	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 1412	Chemistry for Non-Science majors	4	Life and Physical Sicences Core or Elective	Yes
	4th Science Elective	CHEM 1405	Chemistry I for Allied Health	4	Life and Physical Sicences Core of Elective	Yes
	4th Science Elective	BIOL 2401	-	4	-	
	4th Science Elective	BIOL 2401 BIOL 2402	Human Anatomy & Physiology I	4	Life and Physical Sicences Core or Elective	Yes
	4th Science Elective	ENVR 1401	Human Anatomy & Physiology II Environmental Biology for Non-Science majors	4	Life and Physical Sicences Core or Elective Life and Physical Sicences Core or Elective	Yes Yes
Social Studies			Environmental biology for Non-Science majors	-		105
	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		11157 1201		2		Mar
l	U.S. History or Advanced Elective	HIST 1301	United States History I	3	American History Core	Yes
acial 9 Dahay	U.S. History vioral Sciences	HIST 1302	United States History II	3	American History Core	Yes
ocial & Benav		PSYC 2301	Introduction to Devehology	2	Social and Behavioral Sciences Core or Elective	Voc
	Psychology Elective		Introduction to Psychology	3		Yes
	Psychology Elective	PSYC 2314	Lifespan Growth and Development	3	Social and Behavioral Sciences Core or Elective	Yes
Government	Sociology Elective	SOCI 1301	Introduction to Sociology	3	Social and Behavioral Sciences Core or Elective	Yes
Sovernment	U.S. Government	GOVT 2305	Federal Government	3	Government/Political Science Core	Yes
	Government Advanced Elective	GOVT 2305 GOVT 2306	Texas Government	3	Government/Political Science Core	Yes
Economics		66712300	Texas Government	5	Sovernmenty i ontical science core	105
Fine Arts	Economics	ECON 2301	Prin. Of Macroeconomics	3	Social and Behavioral Sciences Core or Elective	Yes
ine 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		21		0		100
•	Speech	SPCH 1315	Public Speaking	3	Component Area Option 1 Core	Yes
lective Credit	t 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 Justic	ce (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
Foreign Langua					,	
-	Spanish III	SPAN 1411	Beginning Spanish I	4	Elective	No

Appendix B: College Workforce / High School Crosswalk High School Requirement Accounting & Financial Services	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 ACNT 1304 ACNT 1311 ACNT 1313 BUSI 2304 ITSW 2334	Introduction to Accounting 1 Introduction to Accounting 2 Computerized Accounting Computerized Accounting Applications Business Report Writing & Correspondence Advanced Spreadsheets	3 3 3 3 3 3 3 3	Level 1 Accounting Certificate Level 1 Accounting Certificate	no no no no no no
Advertising/Graphic Design GraphDesign GraphDesign GraphDesign GraphDesign	ARTC 1325 ARTC 1302 ARTC 1313 ARTC 1317	Introduction to Computer Graphics Digital Imaging I Digital Publishing I Design Communication I	3 3 3 3	Level I Graphic Design Cert. Level I Graphic Design Cert. Level I Graphic Design Cert. Level I Graphic Design Cert.	no no no no
Animal Science Animal Science Animal Science Animal Science Animal Science	AGCR 1304 AGEQ 1305 AGAH 1301 AGMG 1344	Introduction to Sustainable Agriculture Equine Enterprise Management Animal Science Agricultural Records Management	3 3 3 3	Elective Elective Elective Elective	no no no no
Animal Science Animal Science Animal Science Animal Science Animal Science	AGMG 2306 AGAH 1343 VTHT 2209 VTHT 1301 VTHT 1205	Livestock and Meats Marketing Animal Health Food Animal Clinical Management Introduction to Veterinary Technology Veterinary Medical Terminology	3 3 2 3 2	Elective Elective Elective Elective Elective	no no no no no
Arts, A/V Technology and Communications Arts, A/V Technology and Communications	RTVB 1317 RTVB 1302 RTVB 1309 RTVB 2338 RTVB 2340	Convergence of Electronic Media Computer Applications for Media Production Audio Producation I Business Aspects of the Media Industry Portfolio Developent	3 3 3 3	Elective Elective Elective Elective Elective	no no no no no
Automotive Technology AutoTech AutoTech Auto Tech Auto Tech Auto Tech	AUMT 1405 AUMT 1407 AUMT 1410 AUMT 1316	Introduction to Automotive Technology Automotive Electrical Systems Automotive Brake Systems Automotive Suspension & Steering Sys	4 4 4 3	Level I Automotive Cert. Level I Automotive Cert. Level I Automotive Cert. Level I Automotive Cert.	no no no no
Business Management Business Management Business Management Business Management Business Management	BUSG 1301 BUSG 1302 BMGT 1327 HRPO 2307	Introduction to Business E-Business Management Principles of Management Organizatonal Behavior	3 3 3 3	Level 1 Business Management Certificate Level 1 Business Management Certificate Level 1 Business Management Certificate Level 1 Business Management Certificate	no no no
Business Management Business Management Construction Management and Inspection Construction Management and Inspection Construction Management and Inspection	BUSG 1304 POFI 1301 OSHT 1320 DFTG 1325	Financial Literacy Computer Applications I Industrial Safety Blueprint	3 3 3 3	Level 1 Business Management Certificate Level 1 Business Management Certificate Elective Elective	
Construction Management and Inspection Construction Management and Inspection Construction Management and Inspection	ELPT 1311 * 1381 OR * 2388 HART 1307 * Course Prefix will vary depending on area of focus	Basic Electrical Cooperative Education OR Internship Refrigeration Principles	3 3 3	Elective Elective Elective	no no no
Cosmetology/Barbering CosMet 1 CosMet 1 CosMet 1	CSME 1401 CSME 1310 CSME 1443	Orientation to Cosmetology Introduction to Haircutting & Theory Manicuring and Related Therapy	4 3 3	Level I Operator Certificate Level I Operator Certificate Level I Operator Certificate	no no no
CosMet 1 CosMet 2 CosMet 2 CosMet 2	CSME 1453 CSME 2401 CSME 1354 CSME 1355	Chemical Reformation & Related Theory Principles of Hair Coloring & Theory Artistry of Hair Design I Artistry of Hair Design II	4 4 3 3	Level I Operator Certificate Level I Operator Certificate Level I Operator Certificate Level I Operator Certificate	no no no no
CosMet 2 Criminal Justice Crim Justice Crim Justice	CSME 1348 CJSA 1322 CJLE 1249	Principles of Skin Care Introduction to Criminal Justice Intermediate Arrest, Search & Seizure	3 3 2	Level I Operator Certificate A.A.S. Criminal Justice A.A.S. Criminal Justice	no no no
Crim Justice Crim Justice Crim Justice Culinary Arts	CJLE 1345 CJLE 1425 CJSA 1327	Intermediate Crime Scene Investigation Criminal Justice Survey Fundamentals of Criminal Law	3 4 3	A.A.S. Criminal Justice A.A.S. Criminal Justice A.A.S. Criminal Justice	no no no
CulArts CulArts CulArts CulArts	RSTO 1325 CHEF 1305 CHEF 1301 CHEF 1310	Purchasing for Hospitality Operations Sanitation & Safety Basic Food Preparation Garde Manager	3 3 3 3	Level I Culinary Certificate Level I Culinary Certificate Level I Culinary Certificate Level I Culinary Certificate	no no no no
CulArts CulArts CulArts CulArts Education and Training	CHEF 1340 CHEF 1302 CHEF 2301 PSTR 1301	Meat Preparation and Cooking Principles of Healthy Cuisine Intermediate Food Preparation Fundamentals of Baking	3 3 3 3	Level I Culinary Certificate Level I Culinary Certificate Level I Culinary Certificate Level I Culinary Certificate	no no no no
Education and Training Education and Training Education and Training	EDUC 1300 CDEC 1311	Learning Framework Educating Young Children Independent Study in Child Development or Child Growth and	3 3	Associate of Arts in Teaching Elective	no
Education and Training Education and Training Education and Training Emergency Medical Services	CDEC 1343 or CDEC 1354/TECA 1354 CDEC 1392 EDUC 1301	Special Topics in Child Development Introduction to Education	3 3 3	Elective Elective Associate of Arts in Teaching	no no no
EMT EMT EMT EMT Engineering Foundations Program of Study	EMSP 1305 EMSP 1501 EMSP 1160	Emergency Care Attendant Emergency Medical Technician Clinical – EMT Technician	4 5 1	Level I EMT Certificate Level I EMT Certificate Level I EMT Certificate	no no no
IntermCAD IntermCAD IntermCAD IntermCAD	DFTG 1409 DFTG 1325 DFTG 1445 DFTG 2419	Basic Computer Assisted Drafting Blueprint Reading & Sketching Parametric Modeling and Design Intermediate Computer Aided Drafting	4 3 4 4	Drafting Elective Level I Welding Certificate Drafting Elective Drafting Elective	no no no no
IntermCAD Fire Protection Fire Pro Fire Pro	DFTG 2335 FIRS 1301 FIRS 1407	Advanced Technologies and Mechanical Desing in Drafting Firefighter Certification I Firefighter Certification II	3 3 4	Drafting Elective A.A.S. Fire Protection A.A.S. Fire Protection	no no no
Fire Pro Fire Pro Fire Pro Fire Pro Fire Pro	FIRS 1313 FIRS 1319 FIRS 1323 FIRS 1329 FIRS 1433	Firefighter Certification III Firefighter Certification IV Firefighter Certification V Firefighter Certification VI Firefighter Certification VII * * not offered dual credit at all locations	3 3 3 4	A.A.S. Fire Protection A.A.S. Fire Protection A.A.S. Fire Protection A.A.S. Fire Protection A.A.S. Fire Protection	no no no no
Food Science and Technology Food Science and Technology Food Science and Technology Food Science and Technology	AGCR 1304 IFWA 1319 FDST 1391	Introduction to Sustainable Agriculture Meat Identifying and Processing Special Topics Food Science	3 3 3	Elective Elective Elective	no no no
Food Science and Technology Food Science and Technology Food Science and Technology Heating, Ventilation, & Air Conditioning (HVAC)	AGMG 2306 AGMG 1344 AGMG 1391	Livestock & Meat Marketing Agricultural Records Management Special Topics Agricultural Business & Management	3 3 3	Elective Elective Elective	no no no
Heating, Ventilation, & Air Conditioning (HVAC) Heating, Ventilation, & Air Conditioning (HVAC) Heating, Ventilation, & Air Conditioning (HVAC) Heating, Ventilation, & Air Conditioning (HVAC)	DFTG 1325 HART 1307 ELPT 1311 HART 1341	Blueprint Refrigeration Principles Basic Electrical Residential AC	3 3 3 3	Level 1 HVAC Certificate Level 1 HVAC Certificate Level 1 HVAC Certificate Level 1 HVAC Certificate	no no no no
Heating, Ventilation, & Air Conditioning (HVAC) Heating, Ventilation, & Air Conditioning (HVAC) Heating, Ventilation, & Air Conditioning (HVAC) Health Science - Clinical Medical Assistant	HART 1383 OSHT 1320 INTC 2336	Cooperative Education for HVAC Industrial Safety AC Troubleshooting	3 3 3	Elective Level 1 HVAC Certificate Level 1 HVAC Certificate	no no
Clinical Medical Assistant Patient Care Tech Patient Care Tech Clinical Medical Assistant Clinical Medical Assistant	MDCA 1313 ECRD 1291 PLAB 1323 MDCA 1348 MDCA 1417	Medical Terminology Electrocardiograph Phlebotomy Pharmacology and Administrations of Medications Medical Assistant Procedures	3 2 3 3 4	Level 1 CMA Certificate Level 1 CMA Certificate Level 1 CMA Certificate Level 1 CMA Certificate Level 1 CMA Certificate	no no no
Clinical Medical Assistant Health Science - Nursing Assistant NurseAide NurseAide	MDCA 1417 MDCA 1160 MDCA 1313 NURA 1407	Clinical/Medical/Clinical Assistant Medical Terminology Body Systems	1 3 4	Level I CMA Certificate Level I CNA Certificate Level I CNA Certificate	no no no
Patient Care Tech Patient Care Tech NurseAide NurseAide	ECRD 1291 PLAB 1323 NURA 1420 NURA 1160	Electrocardiograph Phlebotomy Patient Care Technician/Assistant Clinical/Nursing Assistant/Aide	2 3 4	Level I CNA Certificate Level I CNA Certificate Level I CNA Certificate Level I CNA Certificate Level I CNA Certificate	no no no no
Health Science - Patient Care Technician Patient Care Tech Patient Care Tech Patient Care Tech Patient Care Tech	MDCA 1313 ECRD 1291 NURA 1407	Medical Terminology Electrocardiograph Body Systems	3 2 4	Level I PCT Certificate Level I PCT Certificate Level I PCT Certificate	no no no
Patient Care Tech Patient Care Tech Patient Care Tech Patient Care Tech Health Science - Pharmacy Technology	PLAB 1323 NUPC 1420 NUPC 1160	Phlebotomy Patient Care Technician/Assistant Clinical - Patient Care Assistant/Aide	3 4 1	Level I PCT Certificate Level I PCT Certificate Level I PCT Certificate	no no no
Pharm Tech Pharm Tech Pharm Tech Pharm Tech Pharm Tech	MDCA 1313 PHRA 1301 PHRA 1313 PHRA 1305 PHRA 1160	Medical Terminology Introduction to Pharmacy Structure Pharmacy Technician Practice in Comm. Applying Pharmacology to Practice Pharmacy Technician Clinicals	3 3 3 3 1	Level I Pharmacy Tech Cert. Level I Pharmacy Tech Cert. Level I Pharmacy Tech Cert. Level I Pharmacy Tech Cert. Level I Pharmacy Tech Cert.	no no no no no
Industrial Maintenance/Instrumentation & Electrical Technology OccSafety ElectTech AC/DC Elect	OSHT 1320 ELPT 1311 INTC 1357	Industrial Safety Basic Electrical Theory AC/DC Motor Control	3 3 3	Level I INMT Certificate Level I INMT Certificate Level I IETA Certificate	no no no
Information Technology Information Tech Information Tech Information Tech	ITSE 1359 ITSY 1342 ITSC 1319	Intro to Scripting Languages Information Technology Security Internet/Web Page Development	3 3 3	A.A.S. Computer Support Specialist A.A.S. Computer Support Specialist A.A.S. Computer Support Specialist	no no no
Information Tech Manufacturing Technology Electrical Path Manufacturing Technology Electrical Path Manufacturing Technology Electrical Path Manufacturing Technology Electrical Path Manufacturing Technology Electrical Path	ITSC 1316 INMT 1319 DFTG 1325 OSHT 1320/INTC 1353 ELPT 2319/MFGT 1404	Linux Installation and Configuration Manufacturing Proceeses Blueprint Reading & Sketching Industrial Safety/Analog Controls II Programmable Logic Controllers/Automated Manufacturing	3 3 3 & 3 3 & 4	A.A.S. Computer Support Specialist Level I Electrical Certificate Level I Electrical Certificate Level I Electrical Certificate Level I Electrical Certificate	no no no no
Manufacturing Technology Electrical Path Manufacturing Technology Machining Path Manufacturing Technology Machining Path Manufacturing Technology Machining Path Manufacturing Technology Machining Path	INMT 1319 DFTG 1325 OSHT 1320/INTC 1353	Programmable Logic Controllers/Automated Manufacturing Manufacturing Proceeses Blueprint Reading & Sketching Industrial Safety/Analog Controls II	3 & 4 3 3 3 & 3 3 & 3	Level I Electrical Certificate Level I Mechanical Certificate Level I Mechanical Certificate Level I Mechanical Certificate	no no no no
Manufacturing Technology Machining Path Manufacturing Technology Mechanical Path Manufacturing Technology Mechanical Path Manufacturing Technology Mechanical Path	HYDR 1345/INMT 2303 INMT 1319 DFTG 1325	Hydraulics and Pneumatics/Pumps, Compressors, and Mechanical Drivers Manufacturing Proceeses Blueprint Poading & Skotching	3 & 3 3 3	Level I Mechanical Certificate Level I Machining Certificate	no no
Manufacturing Technology Mechanical Path Manufacturing Technology Mechanical Path Manufacturing Technology Mechanical Path Plant Science	MCHN 1320/MCHN 1338 MCHN 2303/MCHN 2334	Blueprint Reading & Sketching Precision Tools & Measuring / Basic Machine Shop I Fundamentals of Computer Numerical Controlled (CNC) Machine Controls / Operation of CNC Machining Centers	3 & 3 3 & 3 3 & 3	Level I Machining Certificate Level I Machining Certificate Level I Machining Certificate	no no no
Plant Science Plant Science Plant Science Plant Science Plant Science Plant Science	AGCR 1304 HALT 1301 HALT 2308 FMKT 1301 FMKT 2331 AGMG 1344	Introduction to Sustainable Agriculture Principles of Horticulture Greenhouse Management Floral Design Advanced Floral Design Agricultural Records Management	3 3 3 3 3	Elective Elective Elective Elective Elective	no no no no no
Plant Science Plumbing and Pipefitting Plumbing and Pipefitting Plumbing and Pipefitting Plumbing and Pipefitting	AGMG 1344 PFPB 1413 OSHT 1320 PFPB 1350	Agricultural Records Management Introduction to the Plumbing Trade Industrial Safety Plumbing and Pipefitting Equipment and Safety	3 4 3 2	Elective Elective Elective Elective	no no no no
Plumbing and Pipefitting Plumbing and Pipefitting Plumbing and Pipefitting Plumbing and Pipefitting Process Technology	PFPB 1350 PFPB 1321 PFPB 2309 PFPB 2336	Plumbing and Pipefitting Equipment and Safety Plumbing Maintenance & Repair Residential Construction Plumbing I Commercial Construction and Fixture Setting	3 3 3 3	Elective Elective Elective Elective	no no no no
ProcessTech ProcessTech ProcessTech ProcessTech ProcessTech	PTAC 1302 OSHT 1320 PTAC 1310 PTAC 1332 PTAC 2420	Introduction to Process Technology Industrial Safety Process Technology I Equipment Process Instrumentation I Proc. Tech II & Systems	3 3 3 3	A.A.S. Process Technology A.A.S. Process Technology A.A.S. Process Technology A.A.S. Process Technology A.A.S. Process Technology	no no no no
ProcessTech Programming and Software Development Programming and Software Development Programming and Software Development Programming and Software Development Programming and Software Development	PTAC 2420 ITSC 1301 ITSE 1359 COSC 1436 COSC 1437	Proc. Tech II & Systems Introduction to Computers Introduction to Scripting Languages Programming Fundamentals I Programming Fundamentals II	4 3 3 4 4	A.A.S. Process Technology Level 2 Software Support Certificate Level 2 Software Support Certificate A.S. Computer Science A.S. Computer Science	no no no no no
Programming and Software Development Welding Welding Welding	COSC 2436 OSHT 1320 DFTG 1325	Programming Fundamentals III Industrial Safety Blue Pring Reading	4 3 3	A.S. Computer Science Level I Welding Certificate Level 1 Welding Certificaqte	no
Welding Welding Welding Welding	WLDG 1421 WLDG 1428 WLDG 1457 WLDG 2443	Welding Fundamentals Introduction to Shielded Metal Arc Welding (SMAW) Intermediate SMAW Advanced SMAW	4 4 4 4	Level I Welding Certificate Level I Welding Certificate Level I Welding Certificate Level I Welding Certificate	no no no no