

Accounting Technology Career Cluster: Finance

HIGH SCHOOL					POSTSECONDARY					
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V	SEMESTER VI
MATH	Algebra I	Geometry	Algebra II		POFT 1321 Business Math					
ENGLISH	English I	English II	English III				ENGL 1301 Freshman Reading & Composition I			
SCIENCE	Physical Science	Biology I	Biology II	Chemistry						
COMPUTERS		*Business Computer Info Systems I		Fine Arts	*POFI 1301 Computer Appl. I					
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.						
OTHER	P. E.	1/2 Health 1/2 P. E.			Elective		Math or Natural Science Elective	SPCH 1315 Fundamentals of Public Speaking or SPCH 1321 Business & Professional Communication	Business Elective	
OTHER	Foreign Language	Foreign Language	Foreign Language		POFT 1302 Business Communications I	ACNT 1331 Federal Income Tax:Individual			ACNT 1178 Seminar	Humanities/Visual or Performing Arts Elective
TECHNICAL CORE	*Keyboarding		*Accounting I	*Accounting II	*ACNT 1303 Intro. To Accounting I	*ACNT 1304 Introduction to Accounting II		ACNT 1313 Computerized Accounting Appl.	ACNT 1391 Special Topics in Accounting	Social/Behavioral Science Elective
TECHNICAL CORE					ITSC 2321 Integrated Software Appl. II or	ACNT 1329 Payroll & Business Tax Accounting		ACCT 2301 Financial Accounting	ACCT 2302 Managerial Accounting	
TECHNICAL SPECIALTY					ITSC 1309 Integrated Software Appl. I	ACNT 1311 Intro. To Computerized Accounting		ACNT 1347 Federal Income Tax for Partnerships & Corp.	ACNT 2268 Practicum- Accounting Technician	
*Keyboarding proficiency of 25 WPM is required; otherwise student must enroll in POFT 1329					*Articulated Course					

Administrative Secretary
Career Cluster: Business Management Administration

HIGH SCHOOL					POSTSECONDARY					
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V	SEMESTER VI
MATH	Algebra I	Geometry	Algebra II			POFT 1321 Business Math				
ENGLISH	English I	English II	English III				ENGL 1301 Freshman Reading & Composition			
SCIENCE	Physical Science	Biology I	Biology II	Chemistry						
COMPUTERS		Business Computer Info Systems I	*Business Computer Info Systems II	Fine Arts	*POFI 1301 Computer Appl. I	POFI 1341 Computer Appl. II				
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.						
OTHER	P. E.	1/2 Health 1/2 P. E.						Humanities/ Visual or Performing Arts Elective	Math or Natural Science Elective	
OTHER	Foreign Language	Foreign Language	Foreign Language		POFT 1302 Business Communi- cations I		SPCH 1315 Fundamentals of Public Speaking	Social/Behavioral Science Elective		
TECHNICAL CORE	Keyboarding	Word Processing Appl.	*Accounting I	*Admin. Procedures or Admin. Procedures CO-OP I		*POFT 1309 Admin. Office Procedures (Capstone)		POFT 2433 Advanced Keyboarding	POFT 1345 Shorthand/ Notetaking I	POFT 2264 Practicum-Admin. Assistant/ Secretarial Science, General
TECHNICAL CORE				plus Admin. Procedures CO-OP II	POFT 1313 Professional Dev. For Office Personnel	*POFT 2401 Document Formatting & Skillbuilding		POFT 1349 Admin. Office Procedures II (Capstone)	POFT 2431 Admin. Systems	POFT 1192 Special Topics- Admin. Assistant/ Secretarial Science, General
TECHNICAL SPECIALTY					POFT 1371 Telephone Communi- cations	*ACNT 1303 Intro. To Accounting I		POFT 1319 Records & Info. Mgmt. I	POFT 2312 Business Comm. II	
*Keyboarding proficiency of 25 WPM is required; otherwise student must enroll in POFT 1329					*Articulated Course					

Architectural Drafting

Career Cluster: Science, Technology Engineering, Mathematics

HIGH SCHOOL					POSTSECONDARY				
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
MATH	Algebra I	Geometry	Algebra II			Trigonometry Elective			
ENGLISH	English I	English II	English III		ENGL 1301 Freshman Reading & Composition I				
SCIENCE	Physical Science	Biology I	Biology II	Chemistry					
COMPUTERS				Fine Arts					
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.		Humanities/ Visual or Performing Arts Elective		General Elective	
OTHER	P. E.	1/2 Health 1/2 P. E.			Speech Elective			Social/Behavioral Science Elective	DFTG 2344 Strength of Materials
OTHER	Foreign Language	Foreign Language	Foreign Language		ARCH 1311 Introduction to Architecture	ARCH 1470 Architectural Delineation	*DFTG 1409 Basic Computer- Aided Drafting	Natural Science Elective with Lab	ARCE 2471 Construction Scheduling & Estimating
TECHNICAL CORE			*Computer Graphics & Machine Drafting	*Construction Systems or Architectural Graphics	ARCH 2312 Architectural Technology	ARCE 1342 Codes, Specifications, and Contract Documents		DFTG 2340 Solid Modeling /- Design	ARCH 2470 Architectural Design Studio (Capstone)
TECHNICAL CORE		*Engineering & Architectural Drafting			*DFTG 1405 Technical Drafting	ARCH 1315 Architectural Computer Graphics		ARCE 1352 Structural Detailing	DFTG 2352 Mechanical & Electrical Systems
*Articulated Course					*Articulated Course				

Automotive Technology Career Cluster: Transportation, Distribution Logistics

HIGH SCHOOL					POSTSECONDARY				
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
MATH	Algebra I	Geometry	Algebra II						
ENGLISH	English I	English II	English III		ENGL 1301 Composition I				
SCIENCE	Physical Science	Biology I	Biology II	Chemistry					
COMPUTERS		*Business Computer Info Systems I		Fine Arts				*POFI 1301 Computer Applications I	
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.			Speech Elective	Social/ Behavioral Science Ele.	
OTHER	P. E.	1/2 Health 1/2 P. E.				Math or Natural Science or COSC 1301 Elective	WLDG 1340 AWS Level I Certification Review	Humanities/ Visual or Performing Arts Elective	
OTHER	Foreign Language	Foreign Language	Foreign Language				DEMR 1421 Power Train I		
TECHNICAL CORE	Keyboarding		*Auto Tech I	*Auto Tech II	*AUMT 1305 Intro. To Auto Technology	*AUMT 2317 Engine Performance Analysis I	AUMT 1319 Auto Engine Repair	AUMT 1316 Suspension & Steering	AUMT 2313 Manual Drive Train & Axles
TECHNICAL CORE					*AUMT1307 Auto Electrical Systems	AUMT 2321 Auto Electrical Lighting & Accessories	AUMT 2301 Auto Mgmt.	AUMT 1345 Auto Heating & Air Conditioning	AUMT 2325 Automatic Transmission & Transaxle
TECHNICAL SPECIALTY					*AUMT1310 Auto Brake Systems	AUMT 2437 Automotive Electronics	AUMT 2328 Auto Service	ABDR 1323 Fron & Rear Wheel Alignment	AUMT 2334 Engine Performance Analysis II (Capstone)
*Articulated Course					*Articulated Course				

Aviation Technology Career Cluster: Transportation, Distribution Logistics

HIGH SCHOOL					POSTSECONDARY				
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
MATH	Algebra I	Geometry	Algebra II			TECM 1301 Industrial Math			
ENGLISH	English I	English II	English III						
SCIENCE	Physical Science	Biology I	Biology II	Chemistry					
COMPUTERS		Business Computer Info Systems I		Fine Arts			SCIT 1418 Applied Physics I		
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.	SPCR 1301 Comm. For Trades				
OTHER	P. E.	1/2 Health 1/2 P. E.			AERM 1208 Federal Aviation Regulations	AERM 1445 Airframe Electrical Systems	AERM 1243 Instrument & Navigation/ Comm.	AERM 1350 Landing Gear Systems	
OTHER	Foreign Language	Foreign Language	Foreign Language				AERM 2231 Airframe Inspection	AERM 1254 Aircraft Composites	
TECHNICAL CORE	Keyboarding		*Aircraft Svc. I	*Aircraft Svc. II	*AERM 1303 Shop Practice	*AERM 1253 Aircraft Welding	*AERM 1205 Weight & Balance	*AERM 1241 Wood, Fabric & Finishing	AERM 1347 Airframe Auxiliary
TECHNICAL CORE					*AERM 1310 Ground Operations	*AERM 1315 Aviation Science	*AERM 1414 Basic Electricity	*AERM 1449 Hydraulic, Pneumatic & Fuel Systems	AERM 2333 Assembly & Rigging (Capstone)
TECHNICAL SPECIALTY								AERM 1452 Aircraft Sheet Metal	
*Articulated Course					*Articulated Course				

Banking and Finance

Career Cluster: Business Management and Administration/Finance

HIGH SCHOOL					POSTSECONDARY				
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
MATH	Algebra I	Geometry	Algebra II						
ENGLISH	English I	English II	English III		ENGL 1301 Freshman Reading & Composition I	ENGL 1302 Freshman Reading & Comp.II or POFT 2312			
SCIENCE	Physical Science	Biology I	Biology II	Chemistry					
COMPUTERS		*Business Computer Info Systems I		Fine Arts	*ITSC 1309				
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.				HRPO 1311 Human Relations	Elective
OTHER	P. E.	1/2 Health 1/2 P. E.					SPCH 1315 Fundamentals of Public Speaking or SPCH 1321 Business & Professional Comm.	Math or Natural Science Elective	Humanities/ Visual or Performing Arts Elective
OTHER	Foreign Language	Foreign Language	Foreign Language			BNKG 1345 Consumer Lending		BNKG 1356 Analyzing Financial Statements	HRPO 2301 Human Resources Mgmt. Or ITSC 2321
TECHNICAL CORE		*Banking & Financial Systems	* Accounting I	*Accounting II	*BNKG 1303 Principles of Bank Opertion	*ACNT 1303 Intro. To Accounting I	ACNT 1304 Intro to Acct. II	BUSI 1301 Intro. To Business or BUSA 1313 Investments	BNKG 1343 Law & Banking
TECHNICAL CORE	*Any 2 of the following: Business Ownership Business Mgmt. Intro. To Business	*Marketing Dynamics and Marketing Mgmt.			BNKG 1305 Teller Training or BMGT 1301 Supervision	*BMGT 1303 Principles of Mgmt.	MRKG 1311 Principles of Marketing	EON 2301 Principles of Economics (Macro)	BNKG 1349 Commercial Lending (Capstone)
TECHNICAL SPECIALTY	Food Marketing Entrepreneurship				BNKG 1351 Selling Bank Products & Svcs.	BNKG 1301 Money & Banking			
*Articulated Course					*Articulated Credit				

Early Childhood Development Career Cluster: Education and Training

HIGH SCHOOL					POSTSECONDARY				
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
MATH	Algebra I	Geometry	Algebra II						
ENGLISH	English I	English II	English III		ENGL 1301 Freshman Reading & Composition I	ENGL 1302 Freshman Reading & Composition II			
SCIENCE	Physical Science	Biology I	Biology II	Chemistry					
COMPUTERS		*Business Computer Info Systems I		Fine Arts			*POFI 1301 Computer Appl. I		
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.					
OTHER	P. E.	1/2 Health 1/2 P. E.			Humanities/ Visual or Performing Arts Elective	Speech Elective	Social or Behavioral Science Elective	Math or Natural Science Elective	Major Elective
OTHER	Foreign Language	Foreign Language	Foreign Language					KINE 1304 or KINE 1306	KINE 1331 Physical Activities for Children Birth-8
TECHNICAL CORE		Child Development and Preparation for Parenting	*Ready, Set, Teach! I	*Ready, Set, Teach! II	TECA 1311 Intro. to Early Childhood Education	CDEC 1356 Emergent Literacy for Early Childhood		TECA 1354 Child Growth & Development	CDEC 2386 Internship
TECHNICAL CORE					TECA 1318 Nutrition, Health, and Safety	CDEC1357 Math & Science for Early Childhood		CDEC 1426 Admin. of Programs for Children I	CDEC 1421 The Infant and Toddler
TECHNICAL SPECIALTY					*CDEC 1313 Curriculum Resources for Early Childhood Programs	*CDEC 1419 Child Guidance		CDEC 1358 Creative Arts for Early Childhood	CDEC 2441 The School Age Child
*Articulated Credit					*Articulated Credit				

Court Reporting Career Cluster: Business Management and Administration

HIGH SCHOOL					POSTSECONDARY						
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V	SEMESTER VI	SEMESTER VII
MATH	Algebra I	Geometry	Algebra II						MATH 1314 College Algebra		
ENGLISH	English I	English II	English III						ENGL 1301 Freshman Reading & Composition		
SCIENCE	Physical Science	Biology I	Biology II	Chemistry							
COMPUTERS				Fine Arts							
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.							
OTHER	P. E.	1/2 Health 1/2 P. E.			CRTR 2206 Medical Reporting	CRTR 1202 Law & Legal Terminology				Visual & Performing Arts Elective	
OTHER	Foreign Language	Foreign Language	Foreign Language		CRTR 1312 Reporting Communications I	CRTR 2218 Testimony Dictation I			SPCH 1315 Fundamentals of Public Speaking	Social/- Behavioral Sciences Elective	
TECHNICAL CORE			*Court Reporting I		*CRTR 1304 Machine Shorthand I plus	*CRTR 1205 Machine Shorthand II plus	CRTR 2301 Intermediate Machine Shorthand	CRTR 2303 Advanced Machine Shorthand	CRTR 2319 Testimony Dictation II	CRTR 2312 Reporting Procedures	CRTR 2186 Internship, Court Reporter (Capstone)
TECHNICAL CORE				*Court Reporting II	CRTR 1308 Real-Time Reporting I	CRTR 1210 Real-Time Reporting II	CRTR 2310 Real-Time Reporting III	CRTR 2337 Real-Time Reporting IV	CRTR 1359 Literary/Jury Charge Dictation II	CRTR 2435 Accelerated Machine Shorthand	CRTR 1191 Special Topics in Court Reporter
TECHNICAL SPECIALTY					CRTR 2313 Reporting Technology II	CRTR 2341 Reporting Technology III CRT 1257 Literary/Jury Charge Dictation I				CRTR 2331 Certified Shorthand Reporter & Registered Professional Reporter	
*Articulated Course					*Articulated Course						

Culinary Arts Career Cluster: Hospitality and Tourism

HIGH SCHOOL					POSTSECONDARY				
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
MATH	Algebra I	Geometry	Algebra II		POFT 1321 Business Math				
ENGLISH	English I	English II	English III				ENGL 1301 Composition I		
SCIENCE	Physical Science	Biology I	Biology II	Chemistry					
COMPUTERS		*Business Computer Info Systems I		Fine Arts				*COSC 1301 Microcomputer Appl. Intro. to Computers & Info. Sciences	
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.					
OTHER	P. E.	1/2 Health 1/2 P. E.				PSTR 1301 Fund. Of Baking	CHEF 2380 Coop. Edu. Culinary Arts/ Chef Training	Math/Natural Science Elective	Humanities/Visual or Performing Arts Elective
OTHER	Foreign Language	Foreign Language	Foreign Language		RSTO 1313 Hospitality Supervision	CHEF 1410 Garde Manager	CHEF 2302 Saucier	Hospitality Elective	Social/Behavioral Science Elective
TECHNICAL CORE	*Keyboarding		*Culinary Arts I	*Culinary Arts II	*CHEF 1301 Basic Food Preparation	IFWA 1427 Food Prep. Capstone	PSTR 1304 Dining Room Svc.	RSTO 1325 Purchasing for Hospitality Operations	Speech Elective
TECHNICAL CORE			*Culinary Arts I	*Culinary Arts II	*CHEF 1305 Sanitation & Safety	CHEF 1380 Coop. Edu. Culinary Arts/ Chef Training	PSTR 2331 Advanced Pastry Shop		RSTO 1301 Beverage Mgmt.
TECHNICAL SPECIALTY						RSTO 1317 Nutrition for Food Svc. Professional			
*Articulated Course					*Articulated Course				

Technical Drafting

Career Cluster: Science, Technology Engineering, Mathematics

HIGH SCHOOL					POSTSECONDARY				
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
MATH	Algebra I	Geometry	Algebra II		Trigonometry Elective				
ENGLISH	English I	English II	English III		ENGL 1301 Freshman Reading & Composition I				
SCIENCE	Physical Science	Biology I	Biology II	Chemistry					
COMPUTERS				Fine Arts					
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.				Social/Behavioral Science Elective	Humanities/Visual or Performing Arts Elective
OTHER	P. E.	1/2 Health 1/2 P. E.			Speech Elective	DFTG 2317 Descriptive Geometry		Natural Science Elective with Lab	General Elective
OTHER	Foreign Language	Foreign Language	Foreign Language			*DFTG 1409 Basic Computer-Aided Drafting		DFTG 2312 Technical Illustration	DFTG 2448 Plane Surveying
TECHNICAL CORE			*Computer Graphics & Machine Drafting	*Construction Systems or Architectural Graphics	ARCH 2312 Architectural Technology	*DFTG 2402 Machine Drafting	DFTG 2340 Solid Modeling /- Design	DFTG 2323 Pipe Drafting	DFTG 2308 Instrumentation Drafting
TECHNICAL CORE		*Engineering & Architectural Drafting			*DFTG 1405 Technical Drafting	ARCH 1315 Architectural Computer Graphics		ARCE 1352 Structural Detailing	DFTG 2386 Drafting Internship (Capstone)
*Articulated Course					*Articulated Course				

Computer Network Electronic Technology Career Cluster: Information Technology

HIGH SCHOOL					POSTSECONDARY				
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
MATH	Algebra I	Geometry	Algebra II		MATH 1314 College Algebra			MATH 1316 Trigonometry	
ENGLISH	English I	English II	English III			ENGL 1301 Freshman Reading & Composition I			
SCIENCE	Physical Science	Biology I	Biology II	Chemistry				PHYS 1401 General Physics I	
COMPUTERS				Fine Arts					
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.			Humanities/ Visual or Performing Arts Elective	Speech Elective	Social/Behavioural Science Elective
OTHER	P. E.	1/2 Health 1/2 P. E.			Speech Elective		LOTT 1301 Introduction to Fiber Optics		
OTHER	Foreign Language	Foreign Language	Foreign Language		CETT 1304 High Reliability Soldering	CPMT 1445 Computer Systems Maintenance		CPMT 1449 Computer Networking Technology	
TECHNICAL CORE		*Alternating Circuit Electronics	*AC/DC Electronics/ Digital Logics Functions	*Direct Circuit Electronics	*CETT 1403 DC Circuits	*CETT 1405 AC Circuits	CPMT 1443 Microcomputer Architecture	CSIR 1455 Industry Certifications (Capstone)	
TECHNICAL CORE				*Introduction to Computer Maintenance	*CETT 1415 Digital Applications		CETT 1429 Solid State Devices	CETT 1441 Solid State Circuits	CPMT 2449 Advanced Computer Networking
*Articulated Course					*Articulated Course				

Interpreter For The Deaf Career Cluster: Human Services

HIGH SCHOOL					POSTSECONDARY					
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V	SEMESTER VI
MATH	Algebra I	Geometry	Algebra II						Math or Natural Science	
ENGLISH	English I	English II	English III		ENGL 1301 Freshman Reading & Composition I	ENGL 1302 Freshman Reading & Composition II				
SCIENCE	Physical Science	Biology I	Biology II	Chemistry						
COMPUTERS			*Business Computer Information Systems I	Fine Arts				*ITSC 1309 Integrated Software Appl. I		
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.	SPCH 1315 Fundamentals of Public Speaking		Social/ Behavioural Science Elective		Humanities/ Visual or Performing Arts Elective	
OTHER	P. E.	1/2 Health 1/2 P. E.				SLNG 1321 Intro. To the Interpreting Profession				
OTHER	Foreign Language	Foreign Language	Foreign Language		SLNG 1215 Visual/Gestural Communication	SLNG 1347 Deaf Culture		SLNG 2402 Interpreting II		
TECHNICAL CORE		*American Sign Language I	*American Sign Language II	*American Language III	*SLNG 1301 Am. Sign Language: Beginning I	*SLNG 1302 Am. Sign Language: Beginning II	*SLNG 1444 Am. Sign Language: Int. I	SLNG 1445 Am. Sign Language: Int. II	SLNG 1350 Sign-to-Voice	SLNG 2488 Internship- Sign Language Interpreter (Capstone)
TECHNICAL CORE					SLNG 1317 Intro. To the Deaf Community	SLNG 1211 Fingerspelling	SLNG 2301 Interpreting I	SLNG 2315 Interpreting in Educational Settings	SLNG 2431 Interpreting III	
*Articulated Course					*Articulated Course					

Law Enforcement Career Cluster: Law, Public Safety & Security

HIGH SCHOOL					POSTSECONDARY				
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
MATH	Algebra I	Geometry	Algebra II						MATH 1314 College Algebra
ENGLISH	English I	English II	English III		ENGL 1301 Freshman Reading & Composition I	ENGL 1302 Freshmen Reading & Composition II			
SCIENCE	Physical Science	Biology I	Biology II	Chemistry					
COMPUTERS		*Business Computer Information Systems I		Fine Arts				*ITSC 1309 Integrated Software Appl. I	
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.					
OTHER	P. E.	1/2 Health 1/2 P. E.				SPCH 1315 Fundamentals of Public Speaking			Humanities/Visual or Performing Arts Elective
OTHER	Foreign Language	Foreign Language	Foreign Language		LGLA 1309 Cognitive Skills for the Legal Profession	KINE 1306 First Aid		GOVT 2301 American Government I: Federal & Texas Constitutions	Social/Behavioral Science Elective
TECHNICAL CORE			*Basic County Correction Officer	*Crime in America	*CJSA 1322 Introduction to Criminal Justice	CRIJ 1306 Court Systems and Practices	*CJCR 1400 LE-Basic Jail Course (Capstone)	CRIJ 2314 Criminal Investigation	CRIJ 2301 Community Resources in Corrections
TECHNICAL CORE		*Fundamentals of Criminal Law		*Technical Introduction to Criminal Justice	*CJSA 1325 Criminology	CRIJ 1313 Juvenile Justice System		CJCR 2325 LE-Legal Aspects of Corrections	CRIJ 2313 Correctional Systems & Practices
TECHNICAL SPECIALTY					*CJSA 1327 Fundamentals of Criminal Law				CJSA 2188 Internship-Criminal Justice Studies (Capstone)
*Articulated Course					*Articulated Course				

Medical Secretary
Career Cluster: Business Management and Administration/Health Sciences

HIGH SCHOOL					POSTSECONDARY			
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV
MATH	Algebra I	Geometry	Algebra II			POFT 1321 Business Math		
ENGLISH	English I	English II	English III				ENGL 1301 Freshman Reading & Composition	
SCIENCE	Physical Science	Biology I	Biology II	Chemistry		BIOL 1371 Intro. To Anatomy & Physiology		
COMPUTERS		*Business Computer Info Systems I	*Business Computer Info Systems II	Fine Arts	*POFI 1301 Computer Appl. I			
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.				
OTHER	P. E.	1/2 Health 1/2 P. E.						Humanities/ Visual or Performing Arts Elective
OTHER	Foreign Language	Foreign Language	Foreign Language		POFT 1302 Business Communications I		SPCH 1315 Fundamentals of Public Speaking	HITT 1305 Medical Terminology
TECHNICAL CORE	*Keyboarding	*Word Processing Appl.	*Accounting I	*Admin. Procedures or Admin. Procedures CO-OP I plus Admin. Procedures CO-OP II	*POFI 2301 Word Processing	*POFT 1309 Admin. Office Procedures (Capstone)		*POFM 1309 Medical Office Procedures (Capstone)
TECHNICAL CORE			*Medical Admin. Procedures		POFT 1313 Professional Dev. For Office Personnel	*POFT 2401 Intermediate Keyboarding		POFM 1431 Medical Transcription I
TECHNICAL SPECIALTY					POFT 1371 Telephone Communications	*ACNT 1303 Intro. To Accounting I		POFT 1319 Records & Info. Mgmt. I
*Articulated Course					*Articulated Course			



Physical Therapist Career Cluster: Health Science

HIGH SCHOOL					POSTSECONDARY				
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
MATH	Algebra I	Geometry	Algebra II		Mathematics Elective				
ENGLISH	English I	English II	English III						
SCIENCE	Physical Science	Biology I	Biology II	Chemistry					
COMPUTERS			*Business Computer Information Systems I	Fine Arts		*POFI 1301 Computer Applications I			
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.			Speech Elective		
OTHER	P. E.	1/2 Health 1/2 P. E.					Humanities/ Visual & Performing Arts Elective	PTHA 2266 Practicum II	
OTHER	Foreign Language	Foreign Language	Foreign Language		HPRS 1206 Medical Terminology	PSYC 2301 General Psychology	PTHA 1531 Physical Agents I	PTHA 2305 Clinical Neuro.	
TECHNICAL CORE		*Health Science Technology I plus ➡	*Health Science Technology II plus ➡	*Health Science Technology III	HPRS 1204 Basic Health Professional Skills	PTHA 1321 Pathophysiology	PTHA 1166 Practicum I	PTHA 2435 Rehabilitation Techniques	PTHA 2366 Practicum II
TECHNICAL CORE					PTHA 1201 Profession of Physical Therapy	PTHA 2509 Therapeutic Exercise	PTHA 2217 Issues in Health Care	PTHA 2305 Clinical Neurology	PTHA 2431 Management of Neurological Disorders
*Articulated Course					*Articulated Course				



Process Technology Career Cluster: Manufacturing

HIGH SCHOOL					POSTSECONDARY				
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
MATH	Algebra I	Geometry	Algebra II			TECM 1317 Technical Algebra		MATH 1316 Trigonometry	
ENGLISH	English I	English II	English III				ENGL 1301 Freshman Reading & Composition I		
SCIENCE	Physical Science	Biology I	Biology II	Chemistry			CHEM 1405 Introductory Chemistry	SCIT 1418 Applied Physics I	
COMPUTERS			*Business Computer Information Systems I	Fine Arts	*POFI 1301 Computer Applications				
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.			Social/ Behavioral Science Elective	Speech Elective	Humanities/ Visual or Performing Arts Elective
OTHER	P. E.	1/2 Health 1/2 P. E.			Speech Elective				PTAC 2346 Process Troubleshooting
OTHER	Foreign Language	Foreign Language	Foreign Language		PTAC 2410 Process Technology I- Equipment	PTAC 2420 Process Technology II- Systems	PTAC 2436 Process Instrumentation II	PTAC 2438 Process Tech. III- Operations (Capstone)	CTEC 2287 Internship
TECHNICAL CORE			*Petro Chemical Plant Processes	*Instrumentation I plus Instrumentation II	*PTAC 1302 Introduction to Process Technology	*PTAC 1452 Process Instrumentation I		PTAC 1350 Industrial Economics	PTAC 2314 Quality
TECHNICAL CORE					PTAC 1308 Safety, Health & Environment I	PTAC 2348 Safety, Health & Environment II			PTAC 2334 Industrial Processes
*Articulated Course					*Articulated Course				

Radiology Therapist Career Cluster: Health Sciences

HIGH SCHOOL					POSTSECONDARY					
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V	SEMESTER VI
MATH	Algebra I	Geometry	Algebra II						Math Elective	
ENGLISH	English I	English II	English III			ENGL 1301 Freshman Reading &				
SCIENCE	Physical Science	Biology I	Biology II	Chemistry		BIOL 2401 Human Anatomy & Physiology I				
COMPUTERS			*Business Computer Information Systems I	Fine Arts						*POFI 1301 Computer Applications I
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.			Humanities / Visual & Performing Arts Elective			Social / Behavioral Science Elective
OTHER	P. E.	1/2 Health 1/2 P. E.			RADR 1309 Intro. To Radiology & Patient Care					Speech Elective
OTHER	Foreign Language	Foreign Language	Foreign Language		RADR 1311 Basic Radiographic Procedures	RADR 1260 Clinical-Medical Radiologic Tech./Technicia n	RADR 1261 Clinical-Medical Radiologic Tech/Technician	RADR 1262 Clinical-Medical Radiologic Tech/Technician	RADR 2361 Clinical-Medical Radiologic Tech/Technician	RADR 2335 Radiologic Technology Seminar (Capstone)
TECHNICAL CORE		*Health Science Technology I plus 	*Health Science Technology II plus 	*Health Science Technology III	HPRS 1204 Basic Health Professional Skills	RADR 2309 Radiographic Imaging Eq.	RADR 1313 Principles of Radiographic Imaging	RADR 2217 Radiographic Pathology	RADR 2305 Principles of Radiographic Imaging II	RADR 2313 Radiation Biology & Protection
TECHNICAL CORE					HPRS 1106 Medical Terminology	RADR 2301 Immediate Radiographic Procedures	RADR 2431 Advanced Radiographic Procedures	RADR 2260 Clinical-Medical Radiologic Tech/Technician	RADR 2333 Advanced Medical Imaging	RADR 2362 Clinical-Medical Radiologic Tech/Technician
*Articulated Course					*Articulated Course					

Respiratory Therapist Career Cluster: Health Sciences

HIGH SCHOOL					POSTSECONDARY					
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V	SEMESTER VI
MATH	Algebra I	Geometry	Algebra II						Math Elective	
ENGLISH	English I	English II	English III							
SCIENCE	Physical Science	Biology I	Biology II	Chemistry						
COMPUTERS			*Bus. Computer Information Systems I	Fine Arts						*POFI 1301 Computer Applications I
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.			Humanities / Visual & Performing Arts Elective			Social / Behavioral Science Elective
OTHER	P. E.	1/2 Health 1/2 P. E.			HPRS 1106 Medical Terminology					Speech Elective
OTHER	Foreign Language	Foreign Language	Foreign Language		HPRS 1204 Basic Health Professional Skills					
TECHNICAL CORE		*Health Science Technology I plus 	*Health Science Technology II plus 	*Health Science Technology III	RSPT 1329	RSPT 1331	RSPT 2314	RSPT 2260	RSPT 2261	
TECHNICAL CORE					RSPT 1260 RSPT 1213	RSPT 2210 RSPT 1261	RSPT 2161	RSPT 2353	RSPT 2230	
*Articulated Credit					*Articulated Credit					

Surgical Technology Career Cluster: Health Sciences

HIGH SCHOOL					POSTSECONDARY					
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V	SEMESTER VI
MATH	Algebra I	Geometry	Algebra II		Math Elective				Math Elective	
ENGLISH	English I	English II	English III						ENGL 1301 Freshman Reading & Comp.	ENGL 1302 Freshman Reading & Comp.
SCIENCE	Physical Science	Biology I	Biology II	Chemistry	CHEM 1406 Basic Chemistry	BIOL 2401 Human Anatomy & Physiology		BIOL 2420 Microbiology		
COMPUTERS			*Business Computer Information Systems I	Fine Arts	ITSC 1309 Integrated Software Appl. I					
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.						
OTHER	P. E.	1/2 Health 1/2 P. E.			Speech Elective	BIOL 2402 Human Anatomy & Physiology				PSYC 2301 General Psychology
OTHER	Foreign Language	Foreign Language	Foreign Language							Humanities / Visual & Performing Arts Elective
TECHNICAL CORE		*Health Science Technology I plus ⇒	*Health Science Technology II plus ⇒	*Health Science Technology III	HPRS 1106 Medical Terminology	SRGT 1460	SRGT 2460 Clinical II			
TECHNICAL CORE					HPRS 1204 Basic Health Profession Skills	SRGT 1441 Surgical Procedure I	SRGT 1442 Surgical Procedure II (Capstone)			
TECHNICAL CORE					SRGT 1405 Intro. To Surgical Technology					
TECHNICAL CORE					SRGT 1409 Fundamentals of Aseptic Technique					
*Articulated Courses					*Articulated Courses					

Welding Applied Technology Career Cluster: Manufacturing

HIGH SCHOOL					POSTSECONDARY					
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V	SEMESTER VI
MATH	Algebra I	Geometry	Algebra II				Math Elective			
ENGLISH	English I	English II	English III		ENGL 1301 Freshman Reading & Composition I					
SCIENCE	Physical Science	Biology I	Biology II	Chemistry						
COMPUTERS			*Business Computer Information Systems I	Fine Arts					*POFI 1301 Computer Applications	
HUMANITIES	U.S. History	World History	World Geography	1/2 Economics 1/2 Govt.	Speech Elective	Humanities/ Visual or Performing Arts Elective				Social/ Behavioral Science Elective
OTHER	P. E.	1/2 Health 1/2 P. E.					Elective			
OTHER	Foreign Language	Foreign Language	Foreign Language		WLDG 1425 Oxy - Fuel Welding & Cutting	WLDG 1204 Fundamentals of Oxy-Fuel Welding	WLDG 1453 Intermediate Layout and Fabrication			
TECHNICAL CORE			*Welding I	*Welding II	WLDG 1200 Intro to Welding	WLDG 1435 Intro to Pipe Welding	WLDG 2453 Advanced Pipe Welding	WLDG 2451 Advanced Gas Tungsten Arc Welding		
TECHNICAL CORE					WLDG 1313 Intro to Blueprint Reading	WLDG 1317 Intro to Layout and Fabrication	WLDG 1202 Fundamentals of Gas Metal Arc Welding	WLDG 1206 Fundamentals of Gas Tungsten Arc Welding		
*Articulated Course					*Articulated Course					