

2022-2023 Dual Credit Memorandum of Understanding Attachment 1

Course Rubric/College Course Title Offered for Dual Credit	College Credit	High School Credit	PEIMS	High School Course
010 - Communication: 6 Semester Credit Hrs				
ENGL 1301 - Composition I	3	0.5	3220300	English III A or English IV A
		0.5	3220400	English III A or English IV A
ENGL 1302 - Composition II	3	0.5	3220300	English III B
		0.5	3220400	English III B, English IV A, English IV B
ENGL 2311 - Technical and Business Writing	3	0.5	3221100	Research/Technical Writing
SPCH 1311 - Introduction to Speech Communication	3	0.5	3241400	Communication Application
SPCH 1315 - Public Speaking	3	0.5	3240900	Public Speaking
		1	3240900	Public Speaking
		0.5	13009900	Prof. Communications
SPCH 1318 - Interpersonal Communication	3			
SPCH 1321 - Business and Professional Communication	3	0.5	3241400	Communication Application
020 - Mathematics: 3 Semester Credit Hrs				
MATH 1314 - College Algebra	3	0.5	3100600	Algebra IIB or Pre-Cal (B) or Independent Study in Math: (X Time Taken)
		1	3100600	
		0.5	3101100	
		1	3101100	
		0.5	0310250X	
		1	0310250X	
MATH 1324 - Mathematics for Business & Social Sciences	3			
MATH 1332 - Contemporary Mathematics/Quantitative Reasoning	3	0.5	0310250X	Independent Studies in Math (X Time Taken).
MATH 1442 - Elementary Statistical Methods	4	0.5 or 1	0310250X	Independent Studies in Math (X Time Taken).
MATH 2412 - Pre-Calculus Math	4	0.5 or 1	3101100	Pre-Calculus B,
		0.5 or 1	0310250X	Independent Studies in Math
MATH 2413 - Calculus I	4	0.5 or 1	0310250X	Independent Studies in Math (X Time Taken).
		0.5 or 1	3101100	HS Pre Cal A
030 - Life and Physical Sciences: 6 Semester Credit Hrs				
ASTR 1103 - Stars and Galaxies Laboratory	1			
ASTR 1104 - Solar System Laboratory	1			
BIOL 1406 - Biology for Science Majors I	4	0.5	3010200	Biology (A) or Scientific Research & Design
		0.5	13037200	
BIOL 1407 - Biology for Science Majors II	4	0.5	3010200	Biology (B) or Scientific Research & Design
		0.5	13037200	
BIOL 1411 - General Botany	4			
BIOL 1413 - General Zoology	4			

BIOL 2401 - Anatomy and Physiology I	4	0.5	13020600	Anatomy & Physiology
BIOL 2402 - Anatomy and Physiology II	4	0.5	13020600	Anatomy & Physiology
BIOL 2416 - Genetics w/ lab	4	0.5	13207000	Genetics
		0.5	13037220	Genetics
		0.5	13037200	Scientific Research and Design
BIOL 2420 - Microbiology for Health Science	4	0.5	13020700	Medical Microbiology
CHEM 1405 - Introductory Chemistry I	0.5	13037200	Chemistry (A) or Scientific Research and	Chemistry (A) or Scientific Research and Design I/II
	0.5	03040000		
CHEM 1411 - General Chemistry I	4	0.5	3040000	Chemistry (A) or Scientific Research and Design I/II
		0.5	13037200	
		0.5	13037210	
CHEM 1412 - General Chemistry II	4	0.5	3040000	Chemistry (B) or Scientific Research and Design I/II
		0.5	13037200	
		0.5	13037210	
ENVR 1301 - Environmental Science I	C	1	3221100	Environmental Systems
GEOL 1101 - Earth Science for Non-Science Majors I (Lab)	1			
GEOL 1102 - Earth Science for Non-Science Majors II (Lab)	1			
GEOL 1301 - Earth Sciences for Non-Science Majors I	3			
GEOL 1302 - Earth Sciences for Non-Science Majors II	3			
GEOL 1403 - Physical Geology	4	0.5 or 1	3060200	Earth and Space Science or
		0.5 or 1	13037200	Scientific Research and Design (X Time Taken)
			13037210	
			13037220	
GEOL 1404 - Historical Geology	4	0.5 or 1	3060200	Earth and Space Science or
		0.5 or 1	13037200	Scientific Research and Design (X Time Taken)
			13037210	
			13037220	
HORT 1401 - Horticulture	4			
PHYS 1303 - Stars and Galaxies	3	0.5	3060100	Astronomy
PHYS 1304 - Solar System	3	0.5	3060100	Astronomy
PHYS 1401 - College Physics I	4			
PHYS 1402 - College Physics II	4			
PHYS 1405 - Elementary Physics I	4			
PHYS 1407 - Elementary Physics II	4			
PHYS 2425 - University Physics I	4			
PHYS 2426 - University Physics II	4			
040 - Language, Philosophy and Culture: 3 Semester Credit Hrs				
ENGL 2322 - British Literature I	3	0.5	3220300	English III A,

ENGL 2322 - British Literature I	3	0.5 or 1	3220400	English IV A
ENGL 2323 - British Literature II	3	0.5	3220300	English III B,
		0.5	3220400	English IV B
ENGL 2327 - American Literature I	3	0.5	3220300	English III A
		0.5	3220400	English IV A
ENGL 2328 - American Literature II	3	0.5	3220300	English III B
		0.5	3220400	English IV B
HIST 2311 - Western Civilization I	3	0.5	3340400	and
HIST 2312 - Western Civilization II	3	0.5	3340400	Western Civilization II
HIST 2321 - World Civilizations I	3			
HIST 2322 - World Civilizations II	3			
HUMA 1301 - Introduction to the Humanities I	3	1	13024400	Introduction to Humanities
PHIL 1301 - Introduction to Philosophy	3	0.5	3801015112	Philosophy
SPAN 1411 - Beginning Spanish I	4	0.5 or 1	3440200	Spanish II
		0.5 or 1	3440100	Spanish I (if no prior Spanish taken)
SPAN 1412 - Beginning Spanish II	4	0.5 or 1	3440300	Spanish III
		0.5 or 1	3440200	Spanish II (if no prior Spanish taken)
050 - Creative Arts: 3 Semester Credit Hrs				
ARTS 1301 - Art Appreciation	3	0.5	3500100	Art I
	3	0.5	3500110	Art Appreciation
ARTS 1303 - Art History Survey I	3			
ARTS 1304 - Art History Survey II	3			
DRAM 1310 - Theater Appreciation 3	3	1	3250100	Theater I, Theater Arts I
HUMA 1315 - Fine Arts Appreciation	3			
MUSI 1306 - Music Appreciation	3	1	3155600	Music Appreciation I/Music Studies
MUSI 1310 - American Music	3			
060 - American History: 6 Semester Credit Hrs				
HIST 1301 - United States History I	3	0.5	3340100	U.S History A
		0.5	3380002	Special Topics in Social Studies (First Time Taken)
HIST 1302 - United States History II	3	0.5 or 1	3340100	U.S History B
		0.5 or 1	3380022	Special Topics in Social Studies (Second Time Taken)
HIST 2301 - Texas History	3			
070 - Government/Political Science: 6 Semester Credit Hrs				
GOVT 2305 - Federal Government (Federal Constitution and Topics)	3	0.5	3330100	United States Govt. or Social Studies Advanced Studies
			3380001	
GOVT 2306 - Texas Government (Texas Constitution and Topics)	3	0.5	3380001	Social Studies Advanced Studies

080 - Social and Behavioral Sciences: 3 Semester Credit Hrs

CRIJ 1301 - Introduction to Criminal Justice	3	1	13029200	Principals of Public Safety and Security
		1	13029400	Law Enforcement 2
ECON 2301 - Principles of Macroeconomics	3	0.5	033103XX	Economics or Economics Advanced Studies(X Time Taken)
ECON 2302 - Principles of Microeconomics	3	0.5	033103XX	Economics or Economics Advanced Studies(X Time Taken)
GEOG 1303 - World Regional Geography	3			
PSYC 2301 - General Psychology	3	0.5	3350100	Psychology
SOC 1301 - Introductory Sociology	3	0.5	3370100	Sociology
SOC 2319 - Minority Studies I	3			
SOC 2336 - Criminology	3			

090 - Component Area Option: 6 Semester Credit Hrs

ARTS 1301 - Art Appreciation	3	0.5	3500100	Art I
	3	0.5	3500110	Art Appreciation
ARTS 1303 - Art History Survey I	3			
ARTS 1304 - Art History Survey II	3			
BCIS 1305 - Business Computer Applications	3	1	13011400	Business Information Mgt.
BIOL 1406 - Biology for Science Majors I	4	0.5	3010200	Biology (A) or Scientific Research & Design
		0.5	13037200	
BIOL 1407 - Biology for Science Majors II	4	0.5	3010200	Biology (B) or Scientific Research & Design
		0.5	13037200	
BIOL 1411 - General Botany	4			
BIOL 1413 - General Zoology	4			
BIOL 2401 - Anatomy and Physiology I	4	0.5	13020600	Anatomy & Physiology
BIOL 2402 - Anatomy and Physiology II	4	0.5	13020600	Anatomy & Physiology
BIOL 2416 - Genetics w/ lab	4	0.5	13207000	Genetics
		0.5	13037220	Genetics
		0.5	13037200	Scientific Research and Design
BIOL 2420 - Microbiology for Health Science	4	0.5	13020700	Medical Microbiology
CHEM 1405 - Introductory Chemistry I	4	0.5		Chemistry (A) or Scientific Research and Design I/II
		0.5	13037200	
CHEM 1411 - General Chemistry I	4	0.5	3040000	Chemistry (A) or Scientific Research and Design I/II
		0.5	13037200	
		0.5	13037210	
CHEM 1412 - General Chemistry II	4	0.5	3040000	Chemistry (B) or Scientific Research and Design I/II
		0.5	13037200	
		0.5	13037210	

COSC 1301 - Introduction to Computing	3	0.5	13027300	COMPUTER MAINTENANCE (B)
CRIJ 1301 - Introduction to Criminal Justice	3	1	13029200	Principals of Public Safety and Security
		1	13029400	Law Enforcement 2
DRAM 1310 - Theater Appreciation	3	1	3250100	Theater I, Theater Arts I
ECON 2301 - Principles of Macroeconomics	3	0.5	033103XX	Economics or Economics Advanced Studies(X Time Taken)
ECON 2302 - Principles of Microeconomics	3	0.5	033103XX	Economics or Economics Advanced Studies(X Time Taken)
EDUC 1300 - Learning Frameworks	3	0.5	13014400	Introduction to the Teaching Profession
		0.5	84900XXX	Career & Technical Education Local Course
ENGL 1302 - Composition II	3	0.5	3220300	English III B
		0.5	3220400	English IV A
ENGL 2311 - Technical and Business Writing	3	0.5	3221100	Research/Technical Writing
ENGL 2322 - British Literature I	3	0.5	3220300	English III A,
		0.5 or 1	3220400	English IV A
ENGL 2323 - British Literature II	3	0.5	3220300	English III B,
		0.5	3220400	English IV B
ENGL 2327 - American Literature I	3	0.5	3220300	English III A
		0.5	3220400	English IV A
ENGL 2328 - American Literature II	3	0.5	3220300	English III B
		0.5	3220400	English IV B
ENVR 1101 - Environmental Science Laboratory I	3			
ENVR 1301 - Environmental Science I	3			
GEOG 1303 - World Regional Geography	3			
GEOL 1101 - Earth Science for Non-Science Majors I (Lab)	3			
GEOL 1102 - Earth Science for Non-Science Majors II (Lab)	3			
GEOL 1301 - Earth Sciences for Non-Science Majors I	3			
GEOL 1302 - Earth Sciences for Non-Science Majors II	3			
GEOL 1403 - Physical Geology	4	0.5 or 1	3060200	Earth and Space Science or
		0.5 or 1	13037200	Scientific Research and Design (X Time Taken)
			13037210	
13037220				
GEOL 1404 - Historical Geology	4	0.5 or 1	3060200	Earth and Space Science or
		0.5 or 1	13037200	Scientific Research and Design (X Time Taken)
			13037210	
13037220				

GOVT 2305 - Federal Government (Federal Constitution and Topics)	3	0.5	3330100 3380001	United States Govt. or Social Studies Advanced Studies
GOVT 2306 - Texas Government (Texas Constitution and Topics)	3	0.5	3380001	Social Studies Advanced Studies
HIST 1302 - United States History II	3	0.5 or 1	3340100	U.S History B
		0.5 or 1	3380022	Special Topics in Social Studies (Second Time Taken)
HIST 2301 - Texas History	3			
HIST 2311 - Western Civilization I	3	0.5	3340400	Western Civilization I
HIST 2312 - Western Civilization II	3	0.5	3340400	Western Civilization II
HIST 2321 - World Civilizations I	3			
HIST 2322 - World Civilizations II	3			
HORT 1401 - Horticulture	4			
HUMA 1301 - Introduction to the Humanities I	3	1	13024400	Introduction to Humanities
HUMA 1315 - Fine Arts Appreciation	3			
MATH 1314 - College Algebra	3	0.5 or 1	3100600	Algebra IIB or Pre-Cal (B) or Independent Study in Math: (X Time Taken)
		0.5 or 1	3101100	
		0.5 or 1	3102500	
MATH 1324 - Mathematics for Business & Social Sciences	3			
MATH 1332 - Contemporary Mathematics/Quantitative Reasoning	3	0.5	3102500	Independent Studies in Math (X Time Taken).
MATH 1442 - Elementary Statistical Methods	4	0.5 or 1	3102500	Independent Studies in Math (X Time Taken).
MATH 2412 - Pre-Calculus Math	4	0.5 or 1	3101100	Pre-Calculus B,
		0.5 or 1	3102500	Independent Studies in Math
MATH 2413 - Calculus I	4	0.5 or 1	3102500	Independent Studies in Math (X Time Taken).
		0.5 or 1	3101100	HS Pre Cal A
MATH 2414 - Calculus II	4	0.5 or 1	3102500	Independent Studies in Math (X Time Taken).
		0.5 or 1	3101100	HS Pre Cal B
MUSI 1306 - Music Appreciation	3	1	3155600	Music Appreciation I/Music Studies
MUSI 1310 - American Music	3			
PHIL 1301 - Introduction to Philosophy	3	0.5	3370100	Introduction to Philosophy
PHYS 1103 - Stars and Galaxies Laboratory	1			
PHYS 1104 - Solar System Laboratory	1			
PHYS 1303 - Stars and Galaxies	3	0.5	3060100	Astronomy
PHYS 1304 - Solar System	3	0.5	3060100	Astronomy
PHYS 1401 - College Physics I	4			
PHYS 1402 - College Physics II	4			
PHYS 1405 - Elementary Physics I	4			

PHYS 1407 - Elementary Physics II	4			
PHYS 2425 - University Physics I	4			
PHYS 2426 - University Physics II	4			
PSYC 1300 - PSYC - Learning Frameworks	3	0.5	3380023	Learning Frameworks
PSYC 2301 - General Psychology	3	0.5	3350100	Psychology
SOCI 1301 - Introductory Sociology	3	0.5	3370100	Sociology
SOCI 2319 - Minority Studies I	3			
SOCI 2336 - Criminology 3	3			
SPAN 1411 - Beginning Spanish I	4	0.5 or 1	3440200	Spanish II
		0.5 or 1	3440100	Spanish I (if no prior Spanish taken)
SPAN 1412 - Beginning Spanish II	4	0.5 or 1	3440300	Spanish III
		0.5 or 1	3440200	Spanish II (if no prior Spanish taken)
SPAN-2311	3	1	3440300	Spanish III (if no prior Spanish taken)
		1	3440400	Spanish IV
SPAN-2312	3	1	3440500	Spanish V
SPCH 1311 - Introduction to Speech Communication 3	3	0.5	3241400	Communication Application
SPCH 1315 - Public Speaking	3	0.5 or 1	3240900	Public Speaking
		0.5 or 1	13009900	Prof. Communications
SPCH 1318 - Interpersonal Communication	3			
SPCH 1321 - Business and Professional Communication	3	0.5	3241400	Communication Application
Career & Technical Courses				
ACNT 1303 - Introduction to Accounting I 3 credit hours.	3	1	13016600	Accounting I
ACNT 1311 - Introduction to Computerized Accounting 3 credit hours.	3	0.5	13016700	Intro to Computerized Accounting
ACNT 1313 - Computerized Accounting Applications 3 credit hours.	3			
ACNT 1329 - Payroll and Business Tax Accounting 3 credit hours.	3			
ACCT-2301	3	1	13016600	Accounting I
ACCT-2302	3	1	13016700	Accounting II
BCIS 1305 - Business Computer Applications 3 credit hours.	3	1	13011400	Business Information Management
		1	13011500	Business Information Management II
BIOL 2389 - Research Methods in Biology (Academic Cooperative) 3 credit hours	3			
BMGT 1341 - Business Ethics 3 credit hours.	3	0.5	13011700	Business Law
BMGT 2303 - Problem Solving and Decision Making 3 credit hours. 1	3			
BMGT 2309 - Leadership 3 credit hours.	3			

BUSI 1301 - Business Principles 3 credit hours. (FY)	3	0.5	1301200	Business Management
BUSI 1307	3	0.5	13018000	Financial Mathematics
CETT 1409	4			Digital Electronics
COSC 1301	3	0.5	13027300	Computer Maintenance (B)
COSC-1336	3	0.5	3580200	Computer Science I
COSC-1337	3	0.5	3580300	Computer Science II
COSC-2336	3	0.5	3580350	Computer Science III
CMDR 1300 - Workplace Dispute Resolution 3 credit hours.	3			Manufacturing Engineering Technology II
CNBT 2304	3			Manufacturing Engineering Technology II
CRIJ 1301 - Introduction to Criminal Justice	3	1	13029200	Principals of Public Safety and Security
		1	13029400	Law Enforcement 2
CRIJ-2328	3	1	13029700	Correctional Services
CRIJ 1310	3	1	13029300	Law Enforcement 1
		1	13029400	Law Enforcement 2
CRIJ-1306	3	1	13029600	Court Systems and Practices
DFTG 1302	3	1	13036500	Engineering Design & Presentation II
DFTG 1305	3	0.5	3380001	SS Advanced Studies Sem A
DFTG 1309 - Basic Computer-Aided Drafting 3 credit hours.				
DFTG 1317	3	1	13004600	Architectural Design 1
DFTG 1330 - Civil Drafting I 3 credit hours.	3			
DFTG 2319 - Intermediate Computer-Aided Drafting 3 credit hours.	3	1	13036600	Engineering Design & Presentation II
DFTG 2328	3	2	13004700	Architectural Design II
DFTG 2330	3	0		Local Credit
DFTG 2334	3			Interior Design I
DFTG 2335 - Advanced Technologies in Mechanical Design and Drafting 3 credit hours.	3			Principals of Manufacturing
DFTG 2338	3	0		Scientific Research and Design
DFTG 2340 - Solid Modeling/Design 3 credit hours.	3	1	13037300	Engineering Design & Problem Solving
DFTG 2347	3			Interior Design II
DFTG 2380	3	0		Local Credit
EMSP-1501	5	2	13020510	Practicum EMT
			N1303015	
			13020500	
EMSP-1160	1	0.5	033103XX	
ENGT 1409	4			Digital Electronics

ENGT 2307	3			Manufacturing Engineering Technology II
ENGT 2310	3			Manufacturing Engineering Technology I
ENGR 1201	3	0.5	13036200	Principles of Engineering
ENGR 1304	3	0.5	13037300	Independent MATH Credit
HITT 1305 - Medical Terminology I 3 credit hours.	3	1	13020300	Medical Terminology
HRPO 1311 - Human Relations 3 credit hours.				
ITSC 1305	3	0.5	13027300	Computer Maintenance (A)
ITSW 1301	3	1	13012205	Practicum in Business Management
ITSW 1304 - Introduction to Spreadsheets 3 credit hours.	3			Practicum in Business Management
ITSW 1305	3	1	13012210	Practicum in Business Management
ITSW 1310	3	1	13012215	Practicum in Business Management
MDCA 1017	1	1	13020500	Practicum of Health Science
MRKG 1301 - Customer Relationship Management 3 credit hours.	3	0.5	13011900	Human Resource Management
PHRA 1001		1	13020500	Practicum of Health Science
PLAB 1023		2	13020950	Pharmacology
POFI 1349 - Spreadsheets 3 credit hours. or				
POFM 1317 - Medical Administrative Support 3 credit hours.	3	0.5	13020960	Health Informatics
Poft 1301	3	0.5	13011300	Business English
POFT 1313 - Professional Workforce Preparation 3 credit hours.				
POFT 1329 - Beginning Keyboarding 3 credit hours.	3	0.5	13011300	Touch System Data Entry
POFT 1329 - Beginning Keyboarding 3 credit hours.	3	0.5	13011300	Touch System Data Entry
POFT 2312 - Business Correspondence and Communication 3 credit hours. 2				
SAE 1040		1	13020500	Practicum of Health Science
SRVY 1301 - Introduction to Surveying 3 credit hours.	3	0		Local Credit
SRVY 1313 - Plane Surveying 3 credit hours.	3	1	3102500	Independent Study in Mathematics
Continuing Education Certification Preparation Courses				
	Clock Hours	CEUs		
PHRA 1001 - Pharmacy Technician	200	20.0		
PHRA 1060 - Pharmacy Externship	48	4.0		
MDCA 1017- Clinical Medical Assistant	140	14.0		

PLAB 1023 - Phlebotomy Technician	90	9.0		
DSAE 1040 Electrocardiography (EKG) Technician	84	8.4		
CompTIA IT Fundamentals	40	4.0		
CompTIA A+	80	8.0		

Career & Technical Certificates

Bookkeeping, Level I Certificate

First Year Fall Semester

1st 8-Week Classes

ACNT 1311 - Introduction to Computerized Accounting 3 credit hours.	3	0.5	13016700	Intro to Computerized Accounting
BUSI 1301 - Business Principles 3 credit hours. (FY)	3	0.5	1301200	Business Management

2nd 8-Week Classes

ACNT 1303 - Introduction to Accounting I 3 credit hours.	3	1	13016600	Accounting I
BMGT 1341 - Business Ethics 3 credit hours.	3	0.5	13011700	Business Law

Total Hours: 12

First Year Spring Semester

1st 8-Week Classes

ACNT 1329 - Payroll and Business Tax Accounting 3 credit hours.	3			
POFI 1349 - Spreadsheets 3 credit hours. or	3			
ITSW 1304 - Introduction to Spreadsheets 3 credit hours.	3			

2nd 8-Week Classes

ACNT 1313 - Computerized Accounting Applications 3 credit hours.	3			
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Choose from Finance Elective- **3 credit hours**

Total Hours: 12

Summer

1st 8-Week Classes

Choose from Business Elective- 3 credit hours

Choose from Soft Skills Elective- 3 credit hours

Total Hours: 6

Total Graduation Hours: 30

Medical Office Technology Support - Level 1 Certificate

Fall Semester

1st 8-Week Classes

POFT 1329 - Beginning Keyboarding 3 credit hours.	3	0.5	13011300	Touch System Data Entry
MRKG 1301 - Customer Relationship Management 3 credit hours.	3	0.5	13011900	Human Resource Management
ITSC 1301 - Introduction to Computers 3 credit hours.				

2nd 8-Week Classes

POFT 2312 - Business Correspondence and Communication 3 credit hours.	3			
POFM 1317 - Medical Administrative Support 3 credit hours.	3	0.5	13020960	Health Informatics

Total Semester Credit Hours: 15

Spring Semester

1st 8-Week Classes

HITT 1305 - Medical Terminology I 3 credit hours.	3	1	13020300	Medical Terminology
BCIS 1305 - Business Computer Applications 3 credit hours.	3	1	13011400	Business Information Management
		1	13011500	Business Information Management II

2nd 8-Week Classes

POFT 1313 - Professional Workforce Preparation 3 credit hours.	3			
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Choose from Business Electives - 3 credit hours

Total Semester Credit Hours: 12

Grand Total Semester Credit Hours: 27

Business - Interpersonal Skills Certificate Level 1

First Year Fall Semester

1st 8-Week Classes

MRKG 1301 - Customer Relationship Management 3 credit hours.	3	0.5	13011900	Human Resource Management
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2nd 8-Week Classes

BMGT 2303 - Problem Solving and Decision Making 3 credit hours. 1	3			
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Total Hours: 6

First Year Spring Semester

1st 8-Week Classes

HRPO 1311 - Human Relations 3 credit hours.	3			
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2nd 8-Week Classes

POFT 1313 - Professional Workforce Preparation 3 credit hours.	3			
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Total Hours: 6

Second Year Fall Semester

1st 8-Week Classes

BMGT 1301 - Supervision 3 credit hours.				
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2nd 8-Week Classes

POFT 2312 - Business Correspondence and Communication 3 credit hours. 2	3			
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Total Hours: 6

Second Year Spring Semester

1st 8-Week Classes

CMDR 1300 - Workplace Dispute Resolution 3 credit hours.	3			
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2nd 8-Week Classes

BMGT 2309 - Leadership 3 credit hours.	3			
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Total Hours: 6

Total Graduation Hours: 24

***NEW* Drafting and Design Engineering Technology, Level 1 Certificate**

First Year Fall

1st 8-weeks

TECM-1349 Technical Math or MATH 1314 College Algebra 1or MATH 2412 Pre-CAL 12	3 or 4			
DFTG 1309 - Basic Computer-Aided Drafting 3 credit hours.	3			
DFTG 2340 - Solid Modeling and Design	3			

2nd 8-weeks

DFTG 2319 - Intermediate Computer-Aided Drafting 3 credit hours.	3			
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DFTG 1305 - Introduction to Technical Drawing or ENGR 1304 Engineering Design Graphics 2	3			
Total Hours: 15 or 16				
NEW Drafting and Design Engineering Technology, Level 1 Certificate				
First Year Fall				
1st 8-weeks				
DFTG 1309 - Basic Computer-Aided Drafting 3 credit hours.	3		13032900	Manufacturing Engineering Technology 1
SRVY 1301 - Introduction to Surveying 3 credit hours.	3			
2nd 8-weeks				
DFTG 2319 - Intermediate Computer-Aided Drafting 3 credit hours.	3		13032900	Manufacturing Engineering Technology 1
SRVY 1313 - Plane Surveying 3 credit hours.	3			
Total Hours: 12				
First Year Spring				
1st 8-weeks				
DFTG 1305 - Introduction to Technical Drawing 3 credit hours.	3		13036200	Principles of Applied Engineering
DFTG 1330 - Civil Drafting I 3 credit hours.	3			
2nd 8-weeks				
DFTG 2340 - Solid Modeling/Design 3 credit hours.	3		13036200	Principles of Applied Engineering
DFTG 2335 - Advanced Technologies in Mechanical Design and Drafting 3 credit hours.	3			
Total Hours: 12				
Total Graduation Hours: 24				
NEW Level 1 Certificates				
Electrical Assistant, Level 1 Certificate				
1st Semester				
1st 8 Week				
TECM- 1349 Technical Math or MATH 1314 College Algebra or MATH 2412 Pre-CAL 1	3			
INMT 1305 Introduction to Industrial Maintenance	3			
2nd 8 Weeks;				
ELPT- 1357 Industrial Wiring	3			
DFTG 1305 - Introduction to Technical Drawing or ENGR 1304 Engineering Design Graphics 2	3			
CETT- 1409 AC/DC Circuits or ENGT 1409 AC/DC3	4			
(Level 1 Certificate Electrical Assistant) Total SCH				
Semester Credit Hours 16				
NEW Electromechanical Engineering Technician - Level 1 (includes the ELECTRICAL ASSISTANT Certificate)				
Electrical Assistant, Level 1 Certificate				
1st Semester				
1st 8 Week				
TECM- 1349 Technical Math or MATH 1314 College Algebra or MATH 2412 Pre-CAL 1	3		13036500	Principles of Applied Engineering
INMT 1305 Introduction to Industrial Maintenance	3		13032900	Manufacturing Engineering Technology 1

2nd 8 Weeks;				
ELPT- 1357 Industrial Wiring	3		13032950	Manufacturing Engineering Technology II
DFTG 1305 - Introduction to Technical Drawing or ENGR 1304 Engineering Design Graphics 2	3		13036200	Principles of Applied Engineering I
CETT- 1409 AC/DC Circuits or ENGT 1409 AC/DC3	4		13036200	Principles of Applied Engineering I
(Level 1 Certificate Electrical Assistant) Total SCH				
Semester Credit Hours 16				
2nd Semester				
1st 8 Weeks				
ELMT-1301 Programmable Logic Controllers	3		13037400 (2 cr)	Practicum in STEM
OSHT 1391 Special Topics in Occupational Safety and Health Technology/Technician	3		13032900	Manufacturing Engineering Technology 1
2nd 8 Weeks				
INMT-1417 Industrial Automation	4		13037400 (2 cr)	Practicum in STEM
ELMT-1305 Basic Fluid Power	3			
Total SCH				
Semester Credit Hours 13				
3rd Semester				
1st 8 Weeks				
INMT- 2303 Pumps, Compressors and Mechanical Drives	3			
ELMT-2441 Electromechanical Systems	4			
2nd 8 Weeks				
INMT- 2345 Industrial Trouble Shooting	3			
Total SCH				
Semester Credit Hours 10				
Level 1 Certificate Electrical Assistant Total SCH 39				
ARCHITECTURAL CADD & CONSTRUCTION ENGINEERING TECHNOLOGY LEVEL 1 CERTIFICATE				
FIRST SEMESTER				
1st 8 Week				
TECM-1349 Technical Math or MATH 1314 College Algebra 1 or MATH 2412 Pre-CAL 12	3			
DFTG 1309 - Basic Computer-Aided Drafting	3			
DFTG 2340 - Solid Modeling and Design	3			
2nd 8 Weeks				
DFTG- 2319 - Intermediate Computer-Aided Drafting	3			
DFTG 1305 - Introduction to Technical Drawing or ENGR 1304 Engineering Design Graphics 2	3			
SECOND SEMESTER				
1st 8 Weeks				
OSHT-1391 Special Topics in Occupational Safety and Health Technology/Technician	3			
DFTG- 1317 Architectural Drafting Residential	3			
2nd 8 Weeks				
CNBT-1316 Construction Technology 1	3			
DFTG- 2328 Architectural Drafting Commercial	3			

THIRD SEMESTER				
1st 8 Weeks				
CNBT-1311 Construction Materials or ENGT-2307 Engineering Materials I1	3			
2nd 8 Weeks				
SRVY-1341 Land Surveying	3			
DFTG 2331 Advanced Technologies in Architectural Design and Drafting	3			
TOTAL CERTIFICATE				
39				

NEW Associate of Science

Kinesiology - Associate of Science

First Year Fall Semester

1st 8-Week Classes

KINE 1164 - Introduction to Physical Fitness & Wellness 1 credit hours.				
ENGL 1301 - Composition I	3	0.5	3220300	English III A
		0.5	3220400	English IV A
BIOL 2401 - Anatomy and Physiology I	4	0.5	13020600	Anatomy & Physiology

2nd 8-Week Classes

ENGL 1302 - Composition II	3	0.5	3220300	English III B
		0.5	3220400	English IV A, English IV B
BIOL 2402 - Anatomy and Physiology II	4	0.5	13020600	Anatomy & Physiology

Semester Credit Hours: 15

First Year Spring Semester

1st 8-Week Classes

KINE 2356 - Care and Prevention of Athletic Injuries 3 credit hours.	3			
MATH 1314 - College Algebra	3	0.5	3100600	Algebra IIB or Pre-Cal (B) or Independent Study in Math: (X Time Taken)
		1	3100600	
		0.5	3101100	
		1	3101100	
		0.5	0310250X	
		1	0310250X	
MATH 2412 - Pre-Calculus Math	4	0.5 or 1	3101100	Pre-Calculus B,
		0.5 or 1	3102500	Independent Studies in Math
MATH 2413 - Calculus I	4	0.5 or 1	0310250X	Independent Studies in Math (X Time Taken).
		0.5 or 1	3101100	HS Pre Cal A

2nd 8-Week Classes

Social/Behavioral Science Core 3 credit hours^(FY)				
KINE 1304 - Personal/Community Health 3 credit hours. OR	3			
KINE 1338 - Concepts of Physical Fitness 3 credit hours.	3			

Semester Credit Hours:12

HIST 1201 - United States History I	3	0.5	3340100	U.S History A
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HIST 1501 - United States History I	3	0.5	3380002	Special Topics in Social Studies (First Time Taken)
Semester Credit Hours 3				
Second Year Fall				
16-Week classes				
CHEM 1411 - General Chemistry I	4	0.5	3040000	Chemistry (A) or Scientific Research and Design I/II
		0.5	13037200	
		0.5	13037210	
1st 8-Week Classes				
Language, Philosophy, Culture ^(FY) 3 credit hours	3			
BIOL 1322 - Nutrition & Diet Therapy 3 credit hours. OR	3			
SOCL 2340 - Drug Use and Abuse 3 credit hours.	3			
2nd 8-Week Classes				
Fine Arts Core 3 credit hours	3			
Semester Credit Hours: 13				
Second Year Spring				
16-Week classes				
CHEM 1412 - General Chemistry II	4	0.5	3040000	Chemistry (B) or Scientific Research and Design I/II
		0.5	13037200	
		0.5	13037210	
1st 8-Week Classes				
KINE 1306 - First Aid 3 credit hours. OR	3			
KINE 1301 - Foundations of Kinesiology 3 credit hours.	3			
GOVT 2305 - Federal Government (Federal Constitution and Topics)	3	0.5	3330100 3380001	United States Govt. or Social Studies Advanced Studies
2nd 8-Week Classes				
KINE 11- Physical Education 1 credit hour	1			
GOVT 2306 - Texas Government (Texas Constitution and Topics)	3	0.5	3380001	Social Studies Advanced Studies
Semester Credit Hours 14				
Second year Summer				
HIST 1302 - United States History II	3	0.5 or 1	3340100	U.S History B
		0.5 or 1	3380022	Special Topics in Social Studies (Second Time Taken)
Semester Credit Hours 3				
Grand Total Semester Credit Hours: 60				
<i>NEW</i> Associate of Arts				
Kinesiology - Associate of Arts				
First Year Fall Semester				
1st 8-Week Classes				
ENGL 1301 - Composition I	3	0.5	3220300	English III A
		0.5	3220400	English IV A
KINE 1304 - Personal/Community Health 3 credit hours. 1	3			
KINE 1164 - Introduction to Physical Fitness & Wellness 1 credit hours.	1			
2nd 8-Week Classes				

Math Core 3 credit hours.	3			
ENGL 1302 - Composition II	3	0.5	3220300	English III B
		0.5	3220400	English IV A, English IV B
Semester Credit Hours: 13				
First Year Spring Semester				
16 Week Classes				
KINE 1112 - Jogging/Walking/Fitness 1 credit hours. OR	1			
KINE 1113 - Weight Training I 1 credit hours.	1			
1st 8-Week Classes				
BIOL 1322 - Nutrition & Diet Therapy 3 credit hours	3			
KINE 1301 - Foundations of Kinesiology 3 credit hours.	3			
2nd 8-Week Classes				
Language, Philosophy or Culture Core 3 credit hours	3			
Soc/Beh Science Core 3 credit hours				
Semester Credit Hours: 13				
First Year Summer				
HIST 1301 - United States History I	3	0.5	3340100	U.S History A
		0.5	3380002	Special Topics in Social Studies (First Time Taken)
HIST 1302 - United States History II	3	0.5 or 1	3340100	U.S History B
		0.5 or 1	3380022	Special Topics in Social Studies (Second Time Taken)
Semester Credit Hours 6				
Second Year Fall				
1st 8-Week Classes				
KINE 1306 - First Aid 3 credit hours. OR	3			
Life/Physical Science Core 3 credit hours	3			
2nd 8-Week Classes				
Life/Physical Science Core 3 credit hours	3			
SPCH 1311 OR SPCH 1315 OR SPCH 1321 OR SPCH 1318 3 credit hours	3			
Semester Credit Hours: 12				
Second Year Spring				
16-Week classes				
KINE 2112 - Advanced Jogging/Walking/Fitness 1 credit hours	1			
KINE 1114 - Weight Training II 1 credit hours	1			
1st 8-Week Classes				
GOVT 2305 - Federal Government (Federal Constitution and Topics)	3	0.5	3330100	United States Govt. or Social Studies Advanced Studies
			3380001	
PSYC 2314 OR SOCI 2340 OR KINE 2356 3 credit hours	3			
2nd 8-Week Classes				
GOVT 2306 - Texas Government (Texas Constitution and Topics)	3	0.5	3380001	Social Studies Advanced Studies
KINE 1338 - Concepts of Physical Fitness 3 credit hours	3			
Semester Credit Hours 13				
Second year Summer				
Creative Arts Core 3 credit hours	3			
Semester Credit Hours 3				

Grand Total Semester Credit Hours: 60