

Course #	Course Name	Grade	Credit	PEMS #	Course Abru	Certification	Prerequisite	Course Level (POS)	Max Seat Cap
<b>Agriculture, Food and Natural Resources</b>									
<b>Animal Science</b>									
SC003R	Principles of Agriculture, Food, and Natural Resources	9-12	1	13000200	PRINAFNR	Southwest Professional Communications		1	28
SC019R	Small Animal Management	10-12	1/2	13000400	SMANIMGT			2	28
SC023R	Equine Science	10-12	1/2	13000500	EQUINSCI	Equine Management & Evaluation Certification		2	28
SC027R	Livestock Production	10-12	1	13000300	LIVEPROD			3	28
SC031R	Advanced Animal Science (Advanced) Science Credit	11-12	1	13000700	ADVANSKI	Elanco Fundamentals of Animal Science Certification	Biology & Chemistry Algebra I & Geometry; and either Small Animal Management, Equine Science, or Livestock Production	4	28
SC035R	Veterinary Medical Applications	11-12	1	13000600	VETMEDLAB	OSHA 30	Equine Science, Small Animal Management, or Livestock Production	4	28
SC047R	Practicum in Ag--Veterinary Medical Applications	12	2	13002500	PRACAFNR1	Elanco Veterinary Medical Applications Certification/OSHA 30	Vet Medical Applications	4	28
<b>Plant Science</b>									
SC012R	Floral Design & Lab (Fine Arts)	9-12	2	13001810	FLORALAB	Floral Design Level 1 Knowledge		3	28
SC013R	Horticultural Science/Lab	10-12	2	13002010	HORSCILAB	BASF Plant Science Certification		3	28
SC015R	Advanced Floral Design	11-12	1	N1300270	ADVFLDES	Floral Design Level 1	Floral Design	4	28
SC017R	Practicum in Ag - Floral Design	12	2	13002500	PRACAFNR1			4	28
<b>Applied Agricultural Engineering</b>									
SC040R	Agricultural Mechanics & Metal Technologies/Lab	10-12	2	13002210	AGMECHMTLAB	OSHA 30/NCCER Core		2	18
SC044R	Agricultural Structures Design and Fabrication	11-12	1	13002310	AGSDFLAB	OSHA 30/NCCER Core	Ag Mech & Metal	3	18
SC055R	Project Based Research in Agricultural Science	12	1	12701500	PROBS1			4	18
<b>Architecture and Construction</b>									
<b>Architecture Design</b>									
SC100R	Architecture Design I	10-12	1	13004600	ARCHDSN1		Alg 1 & Eng 1	2	20
SC104R	Architecture Design II (Advanced)	11-12	2	13004700	ARCHDSN2		Geometry & Arch Design I	3	20
SC108R	Practicum in Architectural Design (Advanced)	12	2	13004800	PRACADS1	LEED Green Associate	Arch Design II	4	20
SC116R	Interior Design I	10-12	1	13004300	INTERDS1		Alg 1 & Eng 1	2	28
SC120R	Interior Design II	11-12	2	13004400	INTERDS2		Eng II & Geometry & Interior Design I	3	28
<b>Construction Management and Inspection</b>									
SC124R	Principles of Construction - RHS Only	9-12	1	13004220	PRINCON	OSHA 10*		1	20
SC128R	Construction Management I	11-12	2	13004900	PROBS1	OSHA 30		2	20
SC132R	Construction Management II	12	2	13005000	PROBS2		Construction Mangement I	3	20
<b>HVAC And Sheet Metal</b>									
SC136D3	HVAC I	11-12	1	13005800	HVACREF1			2	20
SC142D3	Sheet Metal	11-12	1	N1300430	SHTMTL			3	20
SC144D	HVAC II	12	2	13005900	HVACREF2	EPA 608	HVAC & Sheet Metal	3	20
SC140D3	Electrical Technology I	12	1	13005600	ELECTEC1	OSHA 30		2	20
SC143D	Electrical Technology II	12	2	13005700	ELECTEC2		ELECTEC1	3	20

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<b>Arts, A/V Technology and Communications</b>									
<b>Graphic Design and Multimedia Arts</b>									
SC203R	Digital Art and Animation (Fine Arts Credit)	9-12	1	3580500	TADGAA	Fine Arts Credit	None	1	28
SC204R	Principles of Arts, Audio/Video Tech, & Comm	7-12	1	13008200	PRINAAVTC	Photoshop		1	28
SC208R3	Commercial Photography I & Lab (Advanced) (Fall)	11-12	2	13009110	CPHLAB1	Adobe Photoshop & Illustrator		2	28
SC212R3	Commercial Photography II Lab (Advanced) (Spring)	11-12	2	13009210	CPHLAB2	Adobe Certified Professional Photographer	Comm Photo I	3	28
SC213R	Practicum in Commercial Photography	12	2	13009250	PRACCPH1	Adobe Certified Professional Photographer	Comm Photo I and II	4	
SC224R3	Graphic Design and Illustration I & Lab(Advanced) (Fall)	11-12	2	13008810	GRDLAB1	Adobe Photoshop & Illustrator		2	28
SC228R3	Graphic Design and Illustration II & Lab (Advanced) (Spring)	11-12	2	13008910	GRDLAB2	Adobe Photoshop & Illustrator	Graphic Design I	3	28
SC229R	Practicum in Graphic Design and Illustration	12	2	13009000	PRACGRD1	Adobe Photoshop & Illustrator	Graphic Design I and II	4	28
SC232R	Animation I & Lab (Advanced)	11-12	2	13008310	ANILAB1	Adobe Flash or After Effects		2	28
SC236R	Animation II & Lab (Advanced)	11-12	2	13008410	ANILAB2	Adobe Flash or After Effects	Animation I	3	24
SC237R	Practicum in Animation	12	2	13008450	PRACANI1	Adobe Flash or After Effects	Animation I and II	4	24
<b>Digital Communications</b>									
SC200R3	Professional Communications	9-12	1/2	13009900	PROFCOMM			1	28
SC216R	Audio/Video Production I & Lab(Advanced)	11-12	2	13008510	AVPLAB1	Adobe Premiere Pro		2	28
SC220R	Audio/Video Production II & Lab (Advanced)	11-12	2	13008610	AVPLAB2	Adobe Premiere Pro	Audio/Video Production	3	28
SC221R	Practicum in Audio/Video Production	12	2	13008700	PRACAVP1	Adobe Premiere Pro	Audio/Video Production I and II	4	24
<b>Business, Management and Administration</b>									
<b>Business Management</b>									
SC304R	Principles of Business, Marketing and Finance	9-12	1	13011200	PRINBMF			1	28
SC309R	Business Information Management I/Lab	9-12	2	13011410	BUSIMLAB1	MS Word & Powerpoint		2	28
SC313R	Business Information Management II/Lab (Advanced)	10-12	2	13011510	BUSIMLAB2	MS Excel	BIM I	2	28
SC320R	Human Resources Management	11-12	1/2	13011900	HRMGT	MS Word		3	28
SC324R	Global Business	11-12	1/2	13011800	GLOBBUS	MS Word		3	28
SC328R	Business Management (Advanced)	10-12	1	13012100	BUSMGT	MS Word/PMI Ready		3	28
SC356R	Practicum in Business Management	11-12	2	13012200	PRACBM	MS Word or ESB	Alternative to Career Prep	4	28
<b>Finance</b>									
<b>Accounting amd Financial Services</b>									
SC344R	Accounting I	10-12	1	13016600	ACCOUNT1	Accounting Foundations-NOCTI		2	28
SC348R	Accounting II (Advanced) Math Credit*	11-12	1	13016700	ACCOUNT2	Quickbooks	Accounting I	3	28
<b>Hospitality and Tourism</b>									
<b>Culinary Arts</b>									
SC400R	Introduction to Culinary Arts	<del>10-12</del>	<del>1</del>	<del>13022550</del>	<del>INCULART</del>	<del>Foodhandler*</del>		<del>1</del>	<del>28</del>
SC404R	Partner to Intro to Culinary Arts	<del>10-12</del>	<del>1</del>	<del>13022550</del>	<del>INCULART</del>	<del>Foodhandler*</del>		<del>1</del>	<del>28</del>
SC409R	Culinary Arts (1 Block for HS) (Year 1)	11-12	2	13022600	CULARTS	Foodhandler*			
SC408R	Culinary Arts -(LaGrone Academy Only)	11-12	2	13022600	CULARTS	Serv Safe Manager	Intro to Culinary	2	28
SC412R	Advanced Culinary Arts (Advanced) (Year 2)	12	2	13022650	ADCULART		Culinary Arts	3	28

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SC416R	Food Science (Advanced)	11-12	1	13023000	FOODSCI	AMSA Food Safty and Science Certification	Biology, Chemistry & 1 other Science	4	28
SC420R	Practicum in Culinary Arts/Extended	11-12	3	13022705	EXPRCUL1		Culinary Arts	4	28
	<b>Lodging and Resort Management</b>								
SC424R	Hospitality Services (Advanced)	11-12	2	13022800	HOSPSRVS			3	28
SC428R	Practicum in Hospitality Services (Advanced)	12	2	13022900	PRACHOS1	Certified Hospitality & Tourism Management Professional	Hospitality Services	4	28
<b>Information Technology</b>									
	<b>Information Technology Support and Services</b>								
SC642R	Computer Maintenance & Lab - (Dell TechCrew)	11-12	2	13027310	COMMTLAB	A+ Certification		2	25
SC646R	Computer Technician Practicum	12	2	13027500	COMPT1	Google IT Support Professional Certificate CompTIA IT Fundamentals+		3	25
	<b>Networking Systems</b>								
SC650R	CISCO Internetworking Tech I (Advanced)	11-12	1	N1302803	INTNET1			2	25
SC654R	CISCO Internetworking Tech II (Advanced)	11-12	1	N1302804	INTNET2	Cisco Entry Networking Tech (CCNA)	Cisco Networking I	3	25
SC658R	Practicum in Information Technology - Cisco III & IV	12	2	13028000	PRACIT1		Cisco Networking II	4	25
<b>Manufacturing</b>									
	<b>Manufacturing Technology</b>								
SC500R	Principles of Manufacturing	9-12	1	13032200	PRINMAN	OSHA 30/MSSC CPT		1	20
SC504R	Precision Metal Manufacturing I	11-12	2	13032500	PREMMAN1	NIMS Level 1		3	20
SC508R	Precision Metal Manufacturing II (Advanced)	12	2	13032600	PREMMAN2		Precision Metal Manufacturing I	4	20
	<b>Welding</b>								
SC512R	Intro to Welding	10-12	1	13032250	INTRWELD	NCCER Core		1	18
SC516R	Welding I	11-12	2	13032300	WELD1	AWS D9.1 NCCER Welding	Intro to Welding(2021)	2	18
SC520R	Welding II (Advanced)	11-12	2	13032400	WELD2	AWS D1.1	Welding I	3	18
<b>Marketing</b>									
	<b>Marketing and Sales</b>								
SC333R	Social Media Marketing	10-12	1/2	13034650	SMEDMKTG	Stukent Social Media Marketing		3	28
SC336R	Sports and Entertainment Marketing	10-12	1/2	13034600	SPORTSEM			2	28
SC350R	Fundamentals of Real Estate	12	2	N1301120	FUNDRE	Texas Real Estate License		3	28
	<b>Entrepreneurship</b>								
SC340R	Entrepreneurship	10-12	1	13034400	ENTREP	Entrepreneurship & Small Business (ESB)		2	28
SC342R	Entrepreneurship II (GHS Only)	11-12	1	N1303423	ENTPRNR2	Entrepreneurship & Small Business (ESB)	Entrepreneurship	3	28
SC005R	Practicum in Entrepreneurship	12	2	N1303425	PRACENT	Word, OSHA, Security Guard		4	28
<b>Transportation, Distribution &amp; Logistics</b>									
	<b>Aviation Maintenance</b>								
SC524R3	Aviation Ground School	11-12	1	N1304675	AVIAGS	Drone Part 107		3	20
SC522R3	Introduction to Aircraft Technology	11-12	1	13039400	INAIIRTEC			1	20
SC548R	Practicum in Transportation Systems	12	2	13040450	PRACTRS1			4	20
SC527R3	Aircraft Airframe Technology (Advanced)	12	2	13039400	AIRAFTEC			3	20
	<b>Automotive</b>								
SC540R	Principles of Transportation Systems/Automotive Basics	10	1	13039250/ 13039550	PRINTRSY/ AUTOBASC	OSHA 10*		1/2	20

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SC532R	Automotive Technology I: Maint & Light Repair (Advanced)	11-12	2	13039600	AUTOTEC1	ASE: MLR	Automotive Basics (2021)	3	20
SC536R	Automotive Technology II: Automotive Service (Advanced)	12	2	13039700	AUTOTEC2	ASE: AS	Auto Tech I	4	20
<b>Science, Technology, Engineering and Math</b>									
<b>Engineering</b>									
SC600R	Year 1 - Introduction To Engineering Design (PLTW)	9-12	1	N1303742	IED	OSHA 10*		1	25
SC605 R	AC/DC Electronics	10-12	1	13036800	ACDCELEC	OSHA 10*	IED	1	25
SC614R	Practicum in STEM I	11-12	2	13037400	PRCSTEM1	Engineering Technology Foundations	Algebra I and Geometry	4	25
SC620R	Practicum in STEM II	12	3	13037415	EXPRSTEM2	Autodesk Associate (Certified User) Inventor	Pract in STEM I	N/A	25
SEFCSR	Fundamentalof Computer Science	9-12	1	3580140	TAFCS			1	25
SECS1R	Computer Science I	12-Oct	1	03580200	TACS1		Algebra I	2	25
SECS2R	Computer Science II	11-12	1	3580300			Algebra I and Computer Science I	3	25
SECS3R	Computer Science III	12	1	3580350	TACS3		Computer Science II and AP Computer Science A	4	25
SECS1H	Honors Computer Science I	9-12	1	03580200	TACS1		Algebra I	2	25
SMA CSP	AP Computer Science A - (Math Credit)	10-12	1	A3580110	APTACSAM	Oracle Java Certification/Python		3	25
SECSPP	AP Computer Science Principles	9-12	1	A3580300	APCSPRIN			2	25
<b>Education and Training</b>									
<b>Teaching and Training</b>									
SC750R	Principles of Education and Training	9-12	1	13014200	PRINEDTR	CPR/First Aide*		1	28
SC758R	Instructional Practices (Advanced)	11-12	2	13014400	INPRAC	CPR/First Aide*/ Educational Aide I		3	28
SC762R	Practicum in Education and Training (Advanced)	12	2	13014500	PRACEDT1	Educational Aide I	Instructional Practices	4	28
<b>Early Learning</b>									
SC704R	Child Development	10-12	1	13024700	CHILDDEV			2	28
SC708R	Child Guidance - Internship	11-12	2	13024800	CHILGUI		Child Development	3	28
SC712R	Practicum in Early Learning	12	2	13014520	PRACEL1	Child Development Associate Educational Aide I	Child Guidance	4	28
<b>Health Science</b>									
<b>Healthcare Therapeutic</b>									
SC900R	Principles of Health Science	9-12	1	13020200	PRINHLSC			1	28
SC901R	Medical Terminology	9-12	1	13020300	MEDTERM			1	28
SC904R	Health Science Theory & Clinical	11-12	2	13020410	HLSCCLIN		Biology & Principles of Health Science	2	28
SC908R	Health Science Lab	12	2	13020410	HLSCCLIN		Biology & Principles of Health Science	2	28
SC912R	Practicum of HS - CCMA (Advanced)	12	2	13020500	PRACHLS1	CCMA	Health Science	4	28
SC916R	Practicum in HS - C.N.A. (CCPT) (Advanced)	12	2	13020500	PRACHLS1	CCPT	Health Science	4	28
SC920D	Practicum in HS--EMT (Dual Credit)	12	2	13020500	PRACHLS1	EMT	Health Science	4	28
SC924R	Practicum in HS - Pharmacology	12	2	13020500	PRACHLS1	Pharmacy Tech	Health Science	4	28
SC928D	Anatomy and Physiology - DC	11-12	1	13020600	ANATPHYS		Biology, Chemistry and 2nd Science	3	28
SC928R	Anatomy and Physiology (HS Science) (Advanced)	11-12	1	13020600	ANATPHYS		Biology, Chemistry and 2nd Science	3	28

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<b>Human Services</b>									
<b>Family and Community Services</b>									
SC700R	Principles of Human Services	9-12	1	13024200	PRINHUSR			1	28
SC716R	Interpersonal Studies	9-12	1/2	13024400	INTERSTU			1	28
SC720R	Dollars and Sense	9-12	1/2	13024300	DOLLARSE			1	28
SC724R	Counseling and Mental Health	11-12	1	13024600	COUNSMH			3	28
SC766R	Family and Community Services	11-12	1	13024900	FAMCOSRV	Community Health Worker		3	28
<b>Cosmetology and Personal Care Services</b>									
SC728R	Principles of Cosmetology Design and Color Theory	10-12	1	13025050	PRICOSMO			1	25
SC732R	Introduction to Cosmetology	10-12	1	13025100	INTCOSMO			2	25
SC736R	Cosmetology I	11-12	2	13025200	COSMET1		Principles of Cosmetology & Intro to Cosmetology	3	25
SC737R	Nail Care, Enhancements and Spa Services	11-12	2	N1302531	NCESS		Principles of Cosmetology & Intro to Cosmetology	2	25
SC740R	Practicum in Human Services--Cosmetology I	11-12	2	13025000	PRACHUS1		Cosmetology I	4	25
SC744R	Cosmetology II	12	2	13025300	COSMET2	Cosmetology Operator License	Cosmetology I	4	25
SC748R	Practicum in Human Services--Cosmetology II	12	2	13025010	PRACHUS2	Cosmetology Operator License	Cosmetology I	N/A	25
<b>Law and Public Service</b>									
<b>Emergency Services</b>									
SC800R	Principles of Law, Public Safety, Corrections & Security	9-12	1	13029200	PRINLPCS	Non Commissioned Security Level II		1	28
SC804D	Firefighter I	11	2	13029900	FIRE1		Highly Recommend: Principles of Health Science	3	25
SC808D	Firefighter II	12	3	13030000	FIRE2	Structure Fire Suppression	Firefighter I	4	25
SC806D3	EMT Basic	12	2	N1303015	EMTB	Emergency Medical Technician-Basic		3	25
<b>Law Enforcement</b>									
SC812R	Law Enforcement I/Law Enforcement II	11-12	1	13029300/13029400	LAWENF1/LAWENF2	IAED		2/3	25
SC801R	Forensic Psychology	11-12	1	N1303012	FORENSPSY			3	28
SC828R	Forensic Science - Science (Advanced)	11-12	1	13029500	FORENSCI		Biology & Chemistry	4	28
SC832R	Criminal Investigation	11-12	1	13029550	CRINVEST			2	28
SC856R	Practicum in Law, Public Safety, Corrections & Security (Advanced) (LAB) National Security and Disaster Response	12	2	13030100	PRACLPS1	Non-Commissioned Security Officer Level II	Law I & II or Courts System	4	25
SC848R	Practicum in Law, Public Safety, Corrections & Security (Advanced) (Rotation)	12	2	13030100	PRACLPS1		Law I & II	4	25
<b>Legal Studies</b>									
SC852R	Practicum in Law - Court Systems and Practices (Advanced)	11-12	2	13030100	PRACLPS1			4	25
SC844R	Pre Law Practicum	12	2	13030110	PRACLPS2		Practicum in Law - Courts & Systems	N/A	25
<b>Career Preparation</b>									
SC001R	Career Preparation I	11-12	3	12701300	CAREERP1	MS Word & Powerpoint		4	28
SC002R	Career Preparation II	12	3	12701400	CAREERP2	MS Word & Powerpoint	Career Prep I	N/A	28
SC005R	Practicum in Entrepreneurship	12	2	N1303425	PRACENT	MS Word & ESB		4	28
<b>Middle School</b>									
6th-8th Grade only CTE Option									

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	College and Career Readiness (No High School Credit)	6-8		12700110				N/A	28
<b>Technology Middle School Pathway</b>									
MC130J	Principles of Information Technology	7-8	1	13027200	PRINIT			1	28
MC304J	Principles of Business, Marketing and Finance	7-8	1	13011200	PRINBMF			1	28
<b>Engineering Middle School Pathway</b>									
MC622J	Robotics I	7-8	1	13037000	ROBOTIC1			2	28
MC604J	Principles of Applied Engineering	8	1	13036200	PRAPPENG			1	28
<b>Construction Middle School Pathway - Strickland</b>									
MC111J	Principles of Construction	7-8	1	13004220	PRINCON	SMS Only		1	28
MC101J	Principles of Architecture	8	1	13004210	PRINARC	SMS Only		1	28
<b>Human Services and Hospitality Pathway</b>									
MC120J	Principles of Human Services	7-8	1	13024200	PRINHUSR			1	28
MC125J	Lifetime Nutrition and Wellness	7-8	1/2	13024500	LNURTWEL			1	28
MC716J	Interpersonal Studies	7-8	1/2	13024400	INTERSTU			1	28
<b>Alternative Possibilities</b>									
MC135J	Touch Systems Data Entry	7-8	1/2	13011300	TSDATAE			1	28
MC204J	Principles of Arts AV	7-8	1	13008200	PRINAAVTC	BMMS Only		1	28
MC205J	Digital Media	7-8	1	13027800	DIMEDIA	BMMS Only		1	28

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