












CTE Courses 2024-2025

Grey Highlight= Course no longer available.

	Principles Year 1	Concentrator A Year 2	Concentrator B Year 3	Electives Any Year/ Year 4
Ag Mechanics Carson Possible THD eligible 	7117PA Principles of Ag OR 7117PADC Principles of Ag DC/Intro Ag: AGRI 100 [IT]	5088PA Ag Power OR 5088PADC Ag Power DC/Ag Mech: AGRI 106 [IT]	7112PA Ag Fab/Design	7228PA Ag Mech CS
Agri-Sci Animal Carson Possible THD eligible 	7117PA Principles of Ag OR 7117PADC Principles of Ag DC/Intro Ag: AGRI 100 [IT]	5008PA Animal Science OR 5008PADC Animal Sci DC/Animal Sci: AGRI 103 [IT]	5070PA ALS: Animals OR 5396PADC ALS: Animals DC/Adv Animal Sci: AGRI 107 [IT]	7262PA Ag Research CS
Business Operations Lowe 	7153PA Principles of Business OR 7153PA Principles of Business DC TBD CERT: Microsoft Outlook [possible]	7144PA Business Office Communications OR 7144PA Business Office Communications DC TBD CERT: Microsoft Word CERT: Microsoft PowerPoint	7146PA Digital Data Applications OR 146PA Digital Data Applications DC TBD CERT: Microsoft Excel CERT: Microsoft Access CERT: Microsoft Office Specialist Associate *pass 3/4 meets Bucket #3	7254PA Business Operations CS TBD
Civic Arts: Art Morgan 	4000PA Introduction 2D Art [Sem 1] 4002PA Introduction 3D Art [Sem 2] AND 7153PA Principles of Business* OR 7161PA Principles of Teaching*	4004PA Advanced 2D Art [Sem 1] 4006PA Advanced 3D Art [Sem 2]	If haven't taken: 7153PA Principles of Business* OR 7161PA Principles of Teaching*	4024/4020DC Art History and Adv Art History DC/Art App: ARTH 110 [IT] 4082A/4082B Digital Design I/Digital Design II 4062A/4062B Photography I/Photography II 4060A/4060DC Drawing I and Drawing DC/Life Object Draw I: ARTS 100 [IT] 4064A/4064B Painting I/Painting II 4040A/4040B Ceramics I/Ceramics II
Civic Arts: Band Burton 	4160PA Beginning Concert Band AND 7153PA Principles of Business* OR 7161PA Principles of Teaching*	4168PA Intermediate Concert Band	4170PA Advanced Concert Band OR 4210 Music Theory AP	4200 Applied Music I/II/III/IV 4210AP Music Theory AP 4206 Music Appreciation 4260DCA Adv Fine Arts DC/Music App: MUSI 218 [VU] (Fall semester) 4260DCB Adv Fine Arts DC/History of American Music: MUSI 220 [VU] (Spring semester)
Civic Arts: Choir Goller 	4182PA Beginning Choir AND 7153PA Principles of Business* OR 7161PA Principles of Teaching*	4182PA Intermediate Choir	4188PA Advanced Choir OR 4210 Music Theory AP	4200 Applied Music I/II/III/IV 4210AP Music Theory AP 4206 Music Appreciation 4260DCA Adv Fine Arts DC/Music App: MUSI 218 [VU] (Fall semester) 4260DCB Adv Fine Arts DC/History of American Music: MUSI 220 [VU] (Spring semester)

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Design Tech Smith THD eligible 	4802PA Intro to Engineer Design OR 4802PADCA Intro to Engineering Design DC/ Intro Design Tech: DESN 101 [IT] AND 4802PADCB Intro to Engineering Design DC/2-D Comp Design: DESN 113 [IT]	7196PA Mech/Arch Design OR 7196PADCA Mech Arch Design DC/Mech Graph: DESN 104 [IT] AND 7196 PADCB Mech Arch Design DC/Architecture Design I: DESN 105 [IT]	7202PA Manufacture Principles/Design OR 7202PADCA Manufacture Principles/Design DC/ Manufact Principles Design: DESN 195 [IT] AND 7202PADCB Manufacture Principles Design DC/ 2D Computer Design: DESN 220 [IT] CERT: CAD (with 18 DC) CERT: Six Sigma White Belt CERT: OSHA-10	0530DT Career Explore Intern DT Summer I (1 credit) 0530DT Career Explore Intern DT Summer II (1 credit) 5974DT Work-Based Learning Design 7223PA Mechanical Design CS 6126DC Adv CTE CC STEM DC/Indust Robot I: ADMF 116 [IT] CERT: FANUC *meets Bucket #3
Education Professions Beckman/Blair THD eligible 	7161PA Principles of Teaching OR 7161PA Principles of Teaching AND 7161PADC Principles of Teaching DC/Intro Teach: EDUC 101 [IT]	7157 Child/Adolescent Development	7162 Teach and Learn OR 7162 Teach and Learn AND 7162PADC Teach Learn DC/Tech in Ed: EDUC 201 [IT]	7267 Ed Professions CS
Healthcare Specialist Salmon/COMOS THD eligible 	7168PA Principles of Healthcare OR 7168PADCA Principle Health DC/Intro Health Career: HLHS 104 [IT] AND 7168PADCB Principle Health DC/Intro Health Career: HLHS 100 [IT]	5274PA Med Terms OR 5274PADCA Med Terms DC/Medical Terms: HLHS 101 [IT] AND 5274PADCB Med Terms DC/Esst Anatomy-Physiology: HLHS 102 [IT]	7164PA CCMA CERT: Certified Clinical Medical Assistant [CCMA] *meets Bucket #3	5276 Anatomy and Physiology 3090DC Adv Science DC/Biology: Connect Impacts: BIOL 100/100L [VU]
Hospitality Management Carlisle 	7173PA Principles of Culin/Hosp	7171PA Nutrition	7172PA Hospitality Management	5974 Work-Based Learning Culinary 7237PA Hospitality Manage CS
Industrial Auto/Robotics Smith 	7108PA Principles of Adv Manufacturing CERT: OSHA-10 CERT: Six Sigma White Belt	7103PA Adv Manufacture Tech CERT: Lockout/Tagout	7106PA Mechatronics Systems OR 7106PADC Mechatronics Syst DC/Indust Robotics I: ADMF 116 [IT] CERT: FANUC *meets Bucket #3	0530AM Career Explore Intern AM Summer I (1 credit) 0530AM Career Explore Intern AM Summer II (1 credit) 5974AM Work-Based Learning Adv Manufacture 7224PA Automation/Robotics CS

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Discontinued Pathways

**Culinary Arts
Carlisle**

HT

**Healthcare: CNA
Salmon**

HEA

Travel Pathways

**CDL
Lost River**

TDL

**Construction
Trades
COSMOS/MHS**

AC

	Principles Year 1	Concentrator A Year 2	Concentrator B Year 3	Electives Any Year/ Year 4
	7173PA Principles of Culin/Hosp OR 7173PADCA Principles Culinary DC/ Sanitation Safety: HOSP 101 [IT] AND 7173PADCB Principles CulinaryDC/ Basic Food Theory: HOSP 102 [IT]	7171PA Nutrition OR 7171PADC Nutrition DC/Nutrition: HOSP 104 [IT] CERT: ServSafe-Food Manager	7169PA Culinary Arts OR 7169PADC Culinary Arts DC/Intro to Baking: HOSP 105 [IT]	5974 Work-Based Learning Culinary 7233PA Culinary Capstone
	7168PA Principles of Healthcare OR 7168PADCA Principle Health DC/CPR Basic Life Support: HLHS 104 [IT] AND 7168PADCB Principle Health DC/Intro Health Career: HLHS 100 [IT]	5274PA Med Terms OR 5274PADCA Med Terms DC/Medical Terms: HLHS 101 [IT] AND 5274PADCB Med Terms DC/Esst Anatomy-Physiology: HLHS 102 [IT]	7166PA Healthcare Specialist: CNA	5276 Anatomy and Physiology 3090DC Adv Science DC/Biology: Connect Impacts: BIOL 100/100L [VU]
	Principles Year 1	Concentrator A Year 1	Concentrator B Year 1	Electives Year 2
	7386PA Principles of Transportation and Logistics	7387PA Commercial Drivers Operations Fundamentals	7388PA Adv Commercial Drivers Operations CERT: CDL *meets Bucket #3	
	7130PA Principles of Construction	7123PA CT: General Carpentry	7122 CT: Frame/Finish	7242PA Construction Trades CS

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Travel Pathways *DC offered

Various Pathways NLCC

Automotive Body

Possible THD eligible

Automotive Services

Possible THD eligible

Construction Trades

Possible THD eligible

Criminal Justice

Possible THD eligible with Capstone course

Digital Design

Possible THD eligible

Early Childhood Ed

Possible THD eligible

Engineering PLTW

Possible THD eligible with Certification

Fire Science

Possible THD eligible

Healthcare Specialist

Possible THD eligible

	Principles Year 1	Concentrator A Year 1	Concentrator B Year 1	Capstone Year 2
	7215VOC Principles Collision Repair	204VOC Auto Body Repair*	7206VOC Plastic Body Repair Paint Fund*	7209VOC Auto Services CS*
	7213VOC Principles of Auto Services*	7205VOC Brake Systems*	7212VOC Steering Suspension*	7208VOC Collision Repair CS*
	7130VOC Principles of Construct Trades*	7123VOC CT: General Carpentry	7122VOCA CT: Framing and Finishing*	7242VOC Construct Trades CS*
	7193VOC Principles of Criminal Justice*	7191VOC Law Enforcement Fundamentals	7188VOC Corrections and Cultural Aware	7231VOC Criminal Justice CS
	7140VOC Principles of Digital Design*	7141VOC Digital Design Graphics*	5550VOC Graphic Design Layout*	
	7160VOC Principles of Early Child Ed*	7158VOC Early Child Ed Curriculum*	7159VOC Early Child Ed Guidance*	7259VOC Early Childhood CS*
	4802PA Intro to Engineering Design* [OHS Pre]	5644VOC Principles of Engineering	<u>Two of three:</u> 5650VOC Civil Engineering Architecture 5538VOC Digital Electronics 5534VOC Computer Integrated Manufacture	
	7195VOC Principles of Fire Rescue*	7189VOC Fire Fighting Fundamentals	7186VOC Advanced Fire Fighting	
	7168VOC Principles of Healthcare* CERT: CPR (BLS)	5274VOC Med Term*	7164VOC CCMA CERT: Certified Clinical Medical Assistant [CCMA] *meets Bucket #3	7255VOC Healthcare Specialist CS CERT: Stop the Bleed; First Aid; Dementia Care; Certified Nursing Assistant [CNA] *meets Bucket #3

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Travel Pathways *DC offered

Various Pathways
NLCC

Info Technology: Computer Science

Info Technology: Computer Science

Precision Machining
 Possible THD eligible with Capstone course

Radio/TV Broadcast

Veterinary Science

Welding
 Possible THD eligible

Principles Year 1	Concentrator A Year 2	Concentrator B Year 3	Electives Any Year/ Year 4
7183VOC Principles of Computing*	7351VOC Topics in Computer Science	7352VOC Computer Science	
7183VOC Principles of Computing*	7185VOC Website Database Develop	7184VOC Software Develop	
7109VOC Principles of Precision Machine*	7105VOC Machine Fundamentals	7107VOC Adv Precision Machine CERT: National Institute of Metalworking Skills [NIMS]; CNC Mill Operations, Measurement, Materials, and Safety	7219VOC Precision Machine CS*
7139VOC Principles of Broadcasting	7135VOC Audio/Video Production	7137VOC Mass Media Production	7308VOC Radio/TV Broadcast CS
7280VOC Principles of Vet Science	7281VOC Veterinary Science	5070VOC ALS: Animals* Alternate if taken ALS: Animals at OHS: CERT: Elanco Veterinary Medical Applications	
7110VOC Principles of Welding Tech*	7111VOC Shielded Metal Arc Welding*	7101VOCA Gas Welding Process*	7226VOC Welding Technology CS* CERT: American Welding Society [AWS]; SENSE