



Sampson Community College

CCP CTE Program Catalog

Career & Technical Education (CTE) Pathways			
*Students can only be enrolled in 2 CTE pathways, or 1 CTE & 1 CTP pathway per semester			
Semester Offered	Course Name	Course Title	Credit Hours
C25800HS – Pathway to AAS in Accounting and Finance			
Every Semester	ACC 120	Principles of Financial Accounting	4 Credit Hours
Every Semester	ACC 121	Principles of Managerial Accounting	4 Credit Hours
Every Semester	BUS 115	Business Law	3 Credit Hours
Fall, Spring	BUS 121	Business Math	4 Credit Hours
Available to eligible 9-12 th graders. Upon completion of the pathway, students can continue to the AAS in Accounting & Finance.			
C15100HS – Pathway to AAS in Agribusiness Technology			
Fall	ANS 110	Intro to Animal Science	3 Credit Hours
Spring	AGR 214	Agricultural Marketing	3 Credit Hours
Fall	AGR 212	Farm Business Management	3 Credit Hours
Spring	AGR 213	Ag Law & Finance	3 Credit Hours
Available to eligible 9-12 th graders. Upon completion of this pathway, students can continue to the AAS in Agribusiness Technology. Students can then transfer into a 4-year degree program or start careers in the industry.			
C35100HS – Pathway to AAS in Air Conditioning, Heating, & Refrigeration Technology (HVAC)			
Fall	AHR 110	Intro to Refrigeration	5 Credit Hours
Fall	AHR 112	Heating Technology	4 Credit Hours
Spring	AHR 113	Comfort Cooling	4 Credit Hours
Spring	AHR 114	Heat Pump Technology	4 Credit Hours
Available to eligible 9-12 th graders. Taking courses in this pathway count towards hours needed to become licensed as an HVAC Technician. Upon completion of the pathway, students can continue to the AAS in HVAC.			
C15280HS – Pathway to AAS in Applied Animal Science Technology			
Fall	ANS 110	Intro to Animal Science	3 Credit Hours
Fall	ANS 116	Intro to the Equine Industry	3 Credit Hours
Spring	ANS 115	Animal Feeds and Nutrition	3 Credit Hours
Spring	ANS 210	Livestock Production Issues	3 Credit Hours
Available to eligible 9-12 th graders. Upon completion of this fully online pathway, students can continue to the AAS in Applied Animal Science Technology. Students can then transfer into a 4-year degree program or start their careers with an integrator.			
C35140HS – Pathway to AAS in Building Construction Technology			
Fall 1	CST 111	Construction I	4 Credit Hours

Fall 2	CST 112	Construction II	4 Credit Hours
Spring	CMT 112	Construction Management I	4 Credit Hours
Available to eligible 9-12 th graders. Upon completion of the pathway, students can continue to the AAS in Building Construction Technology and are encouraged to "double major" in the AAS in Construction Management. Pathway completers can enter the construction field with an understanding of safety, materials, basic building layout, and perform a variety of construction processes. The AAS in BCT can transfer to ECU for a degree in Construction Management.			
C25120HS – Pathway to AAS in Business Administration			
Every Semester	BUS 110	Introduction to Business	3 Credit Hours
Fall, Spring	BUS 115	Business Law	3 Credit Hours
Every Semester	BUS 137	Principles of Management	3 Credit Hours
Fall, Spring	MKT 120	Principles of Marketing	3 Credit Hours
Available to eligible 9-12 th graders. All BUS courses in this pathway are transferable. Upon completion of the pathway, students can continue to the AAS in Business Administration.			
C35190H1 – Pathway 1 to AAS in Construction Management Technology			
Fall	BPR 130	Print Reading	3 Credit Hours
Fall	ARC 112	Materials & Methods	4 Credit Hours
Spring	CMT 120	Codes and Inspections	3 Credit Hours
Spring	CST 241	Planning and Estimating I*	3 Credit Hours
*Pre-req. Of BPR 130 or MAT 171 required			
C35190H2 – Pathway 2 to AAS in Construction Management Technology			
Fall 1	CST 111	Construction I	4 Credit Hours
Fall 2	CST 112	Construction II	4 Credit Hours
Fall	ARC 112	Materials & Methods	4 Credit Hours
Available to eligible 9-12 th graders. Upon completion of the pathway, students can continue to the AAS in Construction Management and are encouraged to "double major" in the AAS in Building Construction. Certificate completers can enter the construction field with an understanding of safety, materials, basic building layout, and perform a variety of construction processes. Work based learning and internship opportunities available. The AAS in CMT can transfer to ECU for a degree in Construction Management.			
C55400HS - Manicuring/Nail Technology			
Fall	COS 121	Manicuring/Nail Technology I	6 Credits
Spring	COS 122	Manicuring/Nail Technology II	6 Credits
Available to eligible 11-12 th graders.			
C55220HS – Pathway to AAS in Early Childhood Education			
Fall, Spring	EDU 119	Intro to Early Childhood Education	4 Credit Hours
Fall	EDU 144	Child Development I	3 Credit Hours
Spring	EDU 131	Child, Family, & Community	3 Credit Hours
Spring	EDU 153	Health, Safety, & Nutrition	3 Credit Hours
Fall	EDU 234	Infants, Toddlers, & Twos*	3 Credit Hours
Available to eligible 11-12 th graders. This pathway is ideal for students interested in working with children in pre-school through 3 rd grade. The EDU 119 course comprises a state-wide recognized Infant Toddler			

Certificate that is beneficial to employment. Upon completion of the pathway, students can continue in the ECE Diploma Pathway (listed below) and/or the AAS in Early Childhood Education.

D55220HS – Early Childhood Education Diploma

Fall, Spring	EDU 119	Intro to Early Childhood Education	4 Credit Hours
Fall	EDU 144	Child Development I	3 Credit Hours
Fall	EDU 151	Creative Activities	3 Credit Hours
Fall	EDU 162	Observation & Access in ECE	3 Credit Hours
Spring	EDU 131	Child, Family, & Community	3 Credit Hours
Spring	EDU 145	Child Development II	3 Credit Hours
Spring	EDU 146	Child Guidance	3 Credit Hours
Spring	EDU 153	Health, Safety, & Nutrition	3 Credit Hours
Fall	EDU 221	Children with Exceptionalities	3 Credit Hours
Fall	EDU 234	Infants, Toddlers, & Twos*	3 Credit Hours
Spring	EDU 284	EC Capstone Practicum*	4 Credit Hours
Spring	EDU 235	School-Age Prog. & Dev.	3 Credit Hours
Every Semester	ACA 122	College Transfer Success	1 Credit Hours
Every Semester	ENG 111	Writing & Inquiry	3 Credit Hours
Every Semester	COM 231	Public Speaking	3 Credit Hours

Available to eligible 11-12th graders. This pathway is ideal for students interested in working with children in pre-school through 3rd grade. The EDU 119 course comprises a state-wide recognized Infant Toddler Certificate that is beneficial to employment. Upon completion of the diploma, students can continue in the AAS in Early Childhood Education Degree, and/or enter the workforce.

C35120HS – Pathway to AAS in Electrical Systems Technology

Fall	ELC 112	DC/AC Electricity	5 Credit Hours
Fall	ELC 113	Residential Wiring	4 Credit Hours
Spring	ELC 114	Commercial Wiring	4 Credit Hours

Available to eligible 9-12th graders. Taking courses in this pathway counts toward hours needed to become licensed as an Electrician. Upon completion of the pathway, students can continue to the AAS in Electrical Systems Technology. Electrical knowledge is highly sought-after in the trades and is a good complement to HVAC, Plumbing, Welding, and many other trades.

C25490HS – Pathway to AAS in Entrepreneurship

Every Semester	BUS 110	Intro to Business	3 Credit Hours
Fall	BUS 139	Entrepreneurship I	3 Credit Hours
Spring	ETR 220	Innovation and Creativity	3 Credit Hours
Fall	MKT 120	Principles of Marketing	3 Credit Hours

Available to eligible 9-12th graders. Upon completion of the pathway, students can continue to the AAS in Entrepreneurship. Employees with this degree can obtain entry-level jobs in a customer service/business setting or pursue starting their own business.

C45380HS – Pathway to AAS in Human Services Technology

Fall, Summer	HSE 110	Intro to Human Services	3 Credit Hours
Spring	HSE 123	Interviewing Techniques	3 Credit Hours
Fall	HSE 225	Crisis Intervention	3 Credit Hours
Spring	HSE 125	Counseling	3 Credit Hours

Available to eligible 11-12th graders. Upon completion of the pathway, students can continue to the AAS in Human Services. Employees with this degree can obtain entry-level jobs in a social service setting.

C25590HS – Pathway to AAS in Information Technology: Computer Technical Core			
Every Semester	CIS 110	Introduction to Computers	3 Credit Hours
Fall	CTS 115	Information Systems: Business Concepts	3 Credit Hours
Fall	CTI 110	Web, Program, & Database Foundation	3 Credit Hours
Spring	CTI 120	Network & Security Foundation	3 Credit Hours
Available to eligible 9-12 th graders. Students will develop skills in MS Office, HTML, PHP, MySQL. In CTI 120, students may earn a Networking Essentials digital badge from Cisco. Upon completion of the pathway, students can continue to the AAS in Information Technology, that includes several concentrations for students to focus their studies.			
C25590HH – Pathway to AAS in Information Technology: Dell Helpdesk			
Every Semester	CIS 110	Introduction to Computers	3 Credit Hours
Fall	CTS 120	Software/Hardware Support	3 Credit Hours
Fall	NOS 110	Operating Systems Concepts	3 Credit Hours
Spring	CTI 120	Network & Security Foundations	3 Credit Hours
Available to eligible 9-12 th graders. Students will develop skills in MS Office, PC maintenance and repair, Windows 10 & Linux OS. In CTI 120, students may earn a Networking Essentials badge from Cisco; in CTS 120, students may earn an IT Essentials badge from Cisco. Upon completion of the pathway, students can continue to the AAS in Information Technology.			
C25590HW – Pathway to AAS in Information Technology: Software & Web Development			
Summer	CIS 115	Intro to Programming/Logic	3 Credit Hours
Fall	CSC 120	Computing Fundamentals I	4 Credit Hours
Spring	CSC 130	Computing Fundamentals II	4 Credit Hours
Fall	CSC 139	Visual Basic Programming	3 Credit Hours
Spring	CSC 151	JAVA Programming	3 Credit Hours
Available to eligible 9-12 th graders. All courses in this pathway are transferable. Students will develop programming skills in the following: Python, Visual Basic/Creating Windows Forms/SQL, JAVA. Students will be prepared for certifications and will build skills in application development. Upon completion of the pathway, students can continue in the AAS in Information Technology.			
C45400HS – Pathway to the Medical Assisting Diploma Program			
Fall	MED 116	Intro to Anatomy & Physiology	4 Credit Hours

Fall	MED 121	Medical Terminology I	3 Credit Hours
Spring	MED 118	Medical Law and Ethics	2 Credit Hours
Spring	MED 122	Medical Terminology II	3 Credit Hours
Available to eligible 11-12 th graders. Becoming a Medical Assistant provides highly valuable, hands-on experience. Upon completion of the pathway, students can continue taking courses in the AAS Medical Assisting Degree. Students may encounter age requirements for clinical work/certification.			
C25310HS – Pathway to AAS in Medical Office Administration			
Fall	OST 141	Medical Office Terms I	3 Credit Hours
Fall	OST 142	Medical Office Terms II	3 Credit Hours
Fall, Summer	OST 148	Medical Insurance and Billing	3 Credit Hours
Spring	OST 149	Medical Legal Issues	3 Credit Hours
Available to eligible 9-12 th graders. Completing OST 148 with a “C” or higher results in a credential. Upon completion of the pathway, students can continue in the AAS in Medical Office Administration Degree. Employees with this degree can obtain entry-level jobs in a healthcare setting.			
C45840HS – Nurse Aide Certificate			
Every Semester	NAS 101	Nurse Aide I	6 Credit Hours
Fall	NAS 102	Nurse Aide II	6 Credit Hours
Available to eligible 11-12 th graders. Students considering a career in Nursing should take NAS 101 to gain clinical experience. Must be 16.5 to enroll, meet all requirements, and cover costs of background check, drug screen, etc. NAS 101 completers will sit for a 2-part certification exam (skills, written). After passing the exam, they will be listed on the Nurse Aide I registry. Upon completion of NAS 102, the instructor will submit the student’s information to the Board of Nursing (NAS 101 required first).			
C25370HS – Pathway to AAS in Office Administration			
Summer	OST 137	Office Applications I	3 Credit Hours
Fall	OST 164	Office Editing	3 Credit Hours
Fall	OST 184	Records Management	3 Credit Hours
Fall	OST 286	Professional Development	3 Credit Hours
Available to eligible 9-12 th graders. After OST 137, students may take the Microsoft Certification Test. Upon completion of the pathway, students can continue to the AAS in Office Administration. Employees with this degree can obtain entry-level jobs in a variety of office settings.			
C50420HS – Pathway to AAS in Welding Technology			
Every Semester	WLD 110	Cutting Processes	2 Credit Hours
Every Semester	WLD 115	SMAW (Stick) Plate	5 Credit Hours

Every Semester	WLD 121	GMAW (MIG) FCA w/Plate	4 Credit Hours
Every Semester	WLD 131	GTAW (TIG) Plate	4 Credit Hours

Available to eligible 9-12th graders. Upon completion of the pathway, students can continue to the AAS in Welding Technology. Skilled welding is highly sought-after in the trades and is a good complement to many other trades.

Workforce Development & Continuing Education

Many opportunities for certifications exist through Workforce Development & Continuing Education (WD&CE). These opportunities do not award course credit but provide state/federal-recognized certifications. Examples include Truck Driver Training, Pharmacy Tech., EKG Tech., CNA 1, Vet Assisting, Phlebotomy, Fire Academy, EMR/EMT, Basic Welding, Masonry, IT Certifications, and much more.

CCP students are eligible for these WD&CE courses only in the 11th & 12th grade and must have the 2.8 unweighted GPA requirement. CCP students will pay any relevant course fees, but are responsible for the CCP student fee, not the listed tuition rate on the WDCE website.

Please contact your career coach for more information.

DISCLAIMER: Courses, semester offerings, and availability are subject to change. Salaries listed are averages according to O*Net and do not reflect starting pay.