



## **CATEC Program of Studies 2019 - 2020**

### **Charlottesville Albemarle Technical Education Center (CATEC)**

*My Choice. My School. My Future.*

High school CATEC classes are offered at CATEC and other sites, and are available to all Albemarle County and Charlottesville City Public School students free of charge. Most programs meet for half-day and include practical, hands-on training in a variety of exciting career fields. Transportation to and from base schools is provided. To enroll in CATEC classes, students should talk with their high school counselor.

Students who attend and complete CATEC programs have the opportunity to receive a recognized certification or credential in their field and high school elective credit. Many CATEC classes also offer dual enrollment credit.

CATEC houses two academies that offer educational and career pathways for students in partnership with post-secondary institutions and employers. Students in the academies may qualify to receive industry certifications and credentials. These credentials are a valuable tool to gain full-time employment in growth industries with livable wages. Graduates may also continue their education utilizing the dual enrollment credits they received while in high school.

#### **CATEC Information & Engineering Technology Academy**

CATEC is partnered with PVCC, CISCO Systems, and local businesses to develop career and educational pathway in **Computer Networking** and **Cybersecurity**.

#### **CATEC Healthcare and Medical Services Academy**

CATEC is partnered with PVCC, Blue Ridge Community College, Reynolds Community College, and local businesses to develop career and educational pathways in the areas of **Emergency Medicine, Nursing, Pharmacy, and Veterinary Science**.

#### **Additional CATEC Programs:**

- Auto Service Technician
- Auto Body Repair
- Building Trades
- Electrical
- Fire Fighting
- Culinary Arts
- Cosmetology



### Admissions

Students register for classes with their school counselor. CATEC staff will work with guidance counselors to assist students in scheduling their classes. All programs have a maximum of 20 students. In addition, students who select a dual enrollment course are **required** to take the VPT exam in the spring before they begin the class. Students should check with their high school counselor to see if they are exempt from taking any part of the VPT exam based on qualifying scores on their ACT, SAT, PSAT, and SOL exams.

### Scheduling

Most CATEC classes are offered at CATEC on Rio Road. Students are bussed from their base schools and usually spend either the entire morning or the entire afternoon at CATEC.

### CATEC 2019-2020 Academy and Program Course Offerings

Academy	Class	State Code	Duration	Grades	Dual Enrolled	Credential	AM or PM	English Classes Available
Information and Engineering Technology Academy	Computer Network Hardware I & II	8542 8543	1 year	10-12	PVCC - 10 credits	WRS	AM only	Yes
	Computer Network Hardware III & IV	8544 8545	1 year	11-12	PVCC - 6 credits	Cisco CCENT, CompTIA A+, Cisco CCNA-RS, WRS	PM only	Yes
Health and Medical Science Academy	EMT I & II	8333 8334	1 year	Age 16 by first day of school	PVCC - 12 credits	State certified EMT-B, FEMA 100, FEMA 700, National Registry Virginia EMT, CPR, First Aid, WRS	<b>CATEC:</b> PM <b>WAHS:</b> AM	No
	EMT III	8335	1 year	<b>Prerequisite:</b> EMT I & II	TBD		<b>CATEC:</b> PM <b>WAHS:</b> AM	
	Nurse Assistant I & II	8360 8362	1 year	11-12	PVCC - 11 credits	State certified Nurse Aide, First Aid, CPR, WRS	AM or PM	No
	Pharmacy Technician I & II	8304 8306	1 year	10-12	PVCC - 18 credits	State certified Pharmacy Technician, First Aid, CPR, WRS	AM only	Yes
	Veterinary Science I & II	8088 8089	1 year	10-12	BRCC - 12 credits	Certified Veterinary Assistant, WRS	<b>CATEC:</b> PM	Yes
Fire Science Academy	Firefighter I & II	8705 8706	1 year	Age 16 by first day of school	RCC- 12 credits PVCC - 2 credits <b>(14) Total</b>	State Firefighter I & II, CPR, First Aid, Hazmat, FEMA 100, FEMA 200, FEMA 700, WRS	AM only	Yes

<u>Program</u>	<u>Class</u>	<u>State Code</u>	<u>Duration</u>	<u>Grades</u>	<u>Dual Enrolled</u>	<u>Credential</u>	<u>AM or PM</u>	<u>English classes Available</u>
Auto Service Tech	Auto Tech I	8506	1 year	10-11	RCC - 13 credits	ASE, WRS	AM only	Yes
	Auto Tech II	8507	1 year	11-12	RCC - 12 credits	ASE, WRS	PM only	Yes
	Auto Tech III	8508	1 year	12	TBD	<b>Prerequisite: Auto Tech I &amp; II</b>	PM only	Yes
Auto Body Tech	Auto Body Technology I & II	8676 8677	1 year	10-12		ASE, I-CAR, WRS	AM PM	Yes
	Auto Body Tech III	8678	1 year	11-12		ASE, I-CAR	PM only	Yes
Building Trades	Building Trades I & II	8517 8518	1 year	10-12	PVCC-12 Credits	NCCER CORE & Level 1, OSHA10, WRS	AM only	Yes
	Construction Technology		1 year	11-12	TBD	<b>Prerequisite: Building Trades I &amp; II</b>	AM only	Yes
	Electrical I & II	8533 8534	1 year	10-12	TBD - BRCC	NCCER CORE & Level 1, OSHA10, WRS	PM only	Yes
	Electrical III	8535	1 year	11-12	TBD - BRCC	<b>Prerequisite: Electrical I &amp; II</b>	PM only	Yes
Culinary Arts	Professional Culinary Arts I	8275	1 year	10-12	PVCC-12 credits	Serve Safe Food Handler, WRS, CPR, First Aid	AM only	Yes
	Professional Culinary Arts II	8276	1 year	11-12	PVCC-8 Credits	NOCTI, WRS Serve Safe Manager,	PM only	Yes
	Culinary Arts Specialization	8279	1 year	12	TBD		PM only	Yes
	Intro to Culinary Arts	8224	1 year	10-12		Serve Safe Food Handler, WRS	AM only	No
Cosmetology	Cosmetology I	8527	1 year	10-11		WRS	AM PM	Yes
	Cosmetology II	8528	1 year	11-12		State Cosmetology License, WRS	AM PM	Yes



## CATEC Class Descriptions

Course Title:	Computer Network Hardware I & II (1-year program)
<b>Course Description:</b>	<p>Students will learn the basics of computer networking including hardware and software. This program is a certification program for entry-level Network Engineers, Network Specialists, Network Administrators, and Network Support Engineers. First year skills include installation, configuration, operation, and troubleshooting of medium-sized routed and switched networks as well as computer and network hardware repair and troubleshooting. Wireless networking is also introduced. It provides a hands-on introduction to networking and the Internet, using tools and hardware commonly found in home and small business environments. It familiarizes students with servers that provide e-mail services, Web space, and authenticated access.</p> <p><b>Certifications:</b> WRS</p>
<b>Credit:</b>	2-3 Elective Credits* *2 elective credits if taken in conjunction with a CATEC English class.
<b>Levels:</b>	Computer Network Hardware 1-2 . . . . . 8542, 8543
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Information Technology
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	PVCC : 10 credits
<b>Grades</b>	10-12

Course Title:	Computer Network Hardware III & IV (1-year program)
<b>Course Description:</b>	<p>This course familiarizes students with the equipment applications and protocols installed in enterprise networks, with a focus on switched networks, IP Telephony requirements, and security. It also introduces advanced routing protocols such as Enhanced Interior Gateway Routing Protocol (EIGRP) and Open Shortest Path First (OSPF) Protocol. Hands-on exercises, including configuration, installation, and troubleshooting, reinforce student learning. Students will also design a network. Students follow a standard design process to expand and upgrade each network, which includes requirements gathering, proof-of-concept, and project management.</p> <p><b>Certifications:</b> Cisco CCENT; CompTIA A+, Cisco CCNA-RS</p>
<b>Prerequisite(s):</b>	Computer Network Hardware 1-2 . . . . . 8542, 8543
<b>Credit:</b>	2-3 Elective Credits* *2 elective credits if taken in conjunction with a CATEC English class.
<b>Levels:</b>	Computer Network Hardware III & IV. . . . .8544, 8545
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Information Technology
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	PVCC : 6 credits
<b>Grades</b>	11-12



<b>Course Title:</b>	<b>Emergency Medical Technician I &amp; II (1-year program)</b>
<b>Course Description:</b>	Students will learn the basics of emergency medical care including anatomy and physiology, initial patient survey and triage, airway management, oxygen therapy, and treatment of bleeding, shock, cardiac arrest, fractures, spinal injuries and other medical emergencies. Course requires strenuous physical activity.  <b>Certifications:</b> Virginia EMT-Basic, CPR, First Aid
<b>Prerequisite(s):</b>	Must be 16 or older by start of school; Other requirements as set forth by the Virginia Office of Emergency Medical Services
<b>Corequisite(s):</b>	
<b>Credit:</b>	3 Elective Credits*; 1-2 Verified Credits (certification, completer)
<b>Levels:</b>	Emergency Medical Technician I . . . . . 8333 Emergency Medical Technician II. . . . . 8334
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Health and Medical Science
<b>Offered at:</b>	CATEC (available to all students) PM only; offered at WAHS AM only
<b>Dual Enrollment:</b>	PVCC 12 credits – EMS111(7), EMS Clinical (1), HLT100 First Aid-CPR(2), HLT 141 (2) Intro to Medical Terminology
<b>Grades</b>	11-12 Must be 16 years old by first day of school.
<b>Course Title:</b>	<b>Emergency Medical Technician III (1-year program)</b>
<b>Course Description:</b>	This course allows students who have completed Emergency Medical Technician I and II and obtained EMT certification from the Virginia Office of Emergency Services and/or the National Registry to strengthen the skills mastered in the basic courses as they acquire skills to assist ALS providers, build on the foundations of EMS education, and earn continuing education requirements for recertification. Students also learn to coordinate with other public safety services, such as fire control, law enforcement, and emergency management. The course includes mentored as well as instructional experiences.
<b>Prerequisite(s):</b>	Grade C or better in EMT I & II, and teacher recommendation
<b>Corequisite(s):</b>	
<b>Credit:</b>	3 Elective Credits*; 1-2 Verified Credits (certification, completer)
<b>Levels:</b>	Emergency Medical Technician III . . . . . 8335
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Health and Medical Science
<b>Offered at:</b>	CATEC (available to all students) PM only; offered at WAHS AM only
<b>Dual Enrollment:</b>	
<b>Grades</b>	Grade: 12



<b>Course Title: Nurse Assistant I &amp; II (1-year program)</b>	
<b>Course Description:</b>	<p>This course emphasizes study of nursing occupations as related to various health care systems. Students study body systems and disorders, basic nursing skills, study of human growth and development, first aid, nutrition, simple body structure, medical terminology, microbes and disease, vital signs, and cardiopulmonary resuscitation. Students also learn about bathing, feeding, dressing, and transporting of patients in hospitals and nursing homes. Clinical experience is provided in local nursing home. This course prepares students to take their state board to be a licensed CNA.</p> <p><b>Certifications:</b> Virginia Certified Nurse Aide, CPR, First Aid</p>
<b>Prerequisite(s):</b>	
<b>Credit:</b>	3 Elective Credits; 1-2 Verified Credits (certification, completer)
<b>Levels:</b>	Nurse Assistant I . . . . . 8360 Nurse Assistant II . . . . . 8362
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Health and Medical Science
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	PVCC: 11 credits
<b>Grades</b>	11-12
<b>Course Title: Pharmacy Technician I &amp; II (1-year program)</b>	
<b>Course Description:</b>	<p>This one-year program will prepare students to perform all the tasks of a Pharmacy Technician. Students also study safety procedures, medication and inventory control, maintaining records, preparing labels, and processing insurance claims.</p> <p>This program prepares students to successfully complete the National Registry Certified Pharmacy Technician (NRCPhT) examination.</p> <p><b>Certifications:</b> National Pharmacy Technician Exam (NRCPhT), CPR, First Aid</p>
<b>Prerequisite(s):</b>	
<b>Corequisite(s):</b>	
<b>Credit:</b>	3 Elective Credits*; 1-2 Verified Credits (certification, completer) *2 elective credits if taken in conjunction with a CATEC English class.
<b>Levels:</b>	Pharmacy Technician I . . . . . 8304 Pharmacy Technician II . . . . . 8306
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Health and Medical Science
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	PVCC: 18 credits
<b>Grades</b>	10-12



Course Title:	Veterinary Science I & II (1-year program)
<b>Course Description:</b>	Students will learn about veterinary science in a classroom setting, on site visits, as well as in a simulated small animal veterinary hospital, with hands-on training in small animal care. The course will introduce students to the technical knowledge and skills necessary to be successful in careers pertaining to companion animals, including, but not limited to, pet care industries, government agencies, laboratory research institutions, pharmaceutical occupations and veterinary medical assisting and technology, as well as postsecondary education. Additional educational opportunities include special guest speakers, animal demonstrations and field trips to small animal care facilities. Students will also learn workplace readiness and leadership skills to further them on their pathway to success.
<b>Prerequisite(s):</b>	
<b>Corequisite(s):</b>	
<b>Credit:</b>	3 Elective Credits*; 1-2 Verified Credits (certification, completer)
<b>Levels:</b>	Veterinary Science I . . . . .8088 Veterinary Science II . . . . . 8089
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Health & Medical Science
<b>Offered at:</b>	CATEC (available to all students) PM only;
<b>Dual Enrollment:</b>	BRCC: 12 credits
<b>Grades</b>	10-12

Course Title:	Fire Service Academy (1-year program)
<b>Course Description:</b>	First semester instruction includes fire department organization and procedures. Supervised internships are provided with fire and rescue and are managed by the teacher. Second semester focuses on fire-ground management and operations. Course requires strenuous physical activity & occasional exposure to smoke-filled environments.  <b>Certifications:</b> Firefighter I, Firefighter II, CPR, First Aid, Hazardous Material Operation, FEMA 100, 200, and 700. Highway safety is covered during incidents for first responders and introduction to technical rescue.
<b>Prerequisite(s):</b>	Must be 16 or older by start of school; Other requirements as set forth by the Virginia Office of Emergency Medical Services
<b>Corequisite(s):</b>	
<b>Credit:</b>	2-3 Elective Credits*; 1-2 Verified Credits (certification, completer) *2 elective credits if taken in conjunction with a CATEC English class.
<b>Levels:</b>	Firefighting I . . . . . 8705 Firefighting II . . . . . 8706
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Health and Medical Science
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	14 credits: 12 through Reynolds Community College and 2 through PVCC in CPR and First Aid.
<b>Grade</b>	11-12 Must be 16 years old by first day of school.



<b>Course Title:</b>	<b>Automotive Service Technology I &amp; II (2-year program)</b>
<b>Course Description:</b>	<p>Automotive Service Technology is a two-year program for students who wish to become automotive technicians. The program is dual enrolled with Reynolds Community College and has articulation agreements with several other institutions. The program is industry-certified through NATEF and Automotive Youth Educational System (AYES) program. The program includes the study of engine repair, engine performance, electricity/electronics, automatic transmission, clutch and manual transmission, HVAC (air conditioning), brakes, steering, and suspension. In the classroom, students will study automotive theory and put the theory into practical use in the auto lab. Automotive manufacturers and local dealerships sponsor the Automotive Youth Education System (AYES) at CATEC. This program offers employment opportunities with dealerships and independent repair shops for students who qualify and are selected during the spring semester of the first year. The program prepares graduates to pursue the Virginia State Inspector's License.</p> <p>Articulation Agreements: Universal Technical Institute (UTI), Lincoln Technical Institute/ Nashville Auto Diesel College, and University of Northern Ohio</p> <p><b>Certifications:</b> ASE, WRS</p>
<b>Credit:</b>	I: 2-3 Elective Credits*; II: 2-3 Elective Credits*; 1-2 Verified Credits (certification, completer) *2 elective credits if taken in conjunction with a CATEC English class.
<b>Levels:</b>	Automotive Service Technology I . . . . .8506 Automotive Service Technology II . . . . . 8507
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Trade and Industrial Education
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	Reynolds Community College: 13 DE credits year I, 12 DE credits year II
<b>Grades</b>	10-12
<b>Course Title:</b>	<b>Automotive Service Technology III (1-year program)</b>
<b>Course Description:</b>	<p>This course prepares students to perform automotive diagnosis and repairs in the following areas: engine repair, cooling systems, transmission and transaxle, manual drive trains and axles, suspension and steering, wheel and tire, brakes, electrical/electronic systems, HVAC, and engine performance. Students are provided with more advanced instruction in all systems as they prepare for the Automotive Service Excellence (ASE) certification examinations. The Automotive Technology program provides the fundamental skills necessary to succeed in an ever-changing and challenging industry as an automotive technician.</p>
<b>Credit:</b>	III: 2-3 Elective Credits*1-2 Verified Credits (certification, completer) *2 elective credits if taken in conjunction with a CATEC English class.
<b>Levels:</b>	Automotive Service Technology III . . . . . 8508
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Trade and Industrial Education
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	TBD
<b>Grades</b>	10-12





<b>Course Title:</b>	<b>Auto Body Technology I, II, &amp; III (2-year program)</b>
<b>Course Description:</b>	<p>Students in this program are prepared for careers in this field using the latest technologies and state of the art equipment. Throughout the program, students gain knowledge of classroom and shop experience by working on vehicles. Selected students may be eligible for work experiences at local repair facilities. Successful completion of the two-year Auto Body program can reduce the two years of experience required for Automotive Service Excellence (ASE) certification by one year. This course is not recommended for individuals with respiratory or allergy problems.</p> <p><b>Certifications:</b> ASE, I-CAR, WRS</p>
<b>Prerequisite(s):</b>	
<b>Corequisite(s):</b>	
<b>Credit:</b>	<p>I&amp;II: 2-3 Elective Credits*; III: 2-3 Elective Credits*; 1-2 Verified Credits (certification, completer) *2 elective credits if taken in conjunction with a CATEC English class.</p>
<b>Levels:</b>	<p>Auto Body Technology I&amp;II . . . . .8676, 8677 Auto Body Technology III . . . . . 8678 (Teacher recommendation required for III plus C or better in Auto Body I/II).</p>
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Trade and Industrial Education
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	
<b>Grades</b>	10-12

<b>Course Title:</b>	<b>Building Trades I &amp; II (1-year program)</b>
<b>Course Description:</b>	<p>This course will teach all the basic skills of the following trade areas: carpentry, residential wiring, residential plumbing, and masonry. Blueprint reading and drawing are introduced at the beginning of the course. The latter part of the course focuses on carpentry from framing to the finishing trim and roofing. Plumbing is introduced as it relates to the other trades during the year. Residential wiring emphasizes the basics of wiring a house and the National Electrical Code. All aspects of residential construction from project planning, purchasing material to code compliance are taught. Emphasis will be placed on proper employability skills and attitude throughout the course.</p> <p><u>Students who complete this program may qualify to receive credit for one year of Apprenticeship with the Department of Labor.</u></p> <p><b>Certifications:</b> NCCER CORE &amp; Level 1, OSHA10</p>
<b>Prerequisite(s):</b>	
<b>Credit:</b>	<p>I&amp;II: 2-3 Elective Credits*; 1-2 Verified Credits (certification, completer) *2 elective credits if taken in conjunction with a CATEC English class.</p>
<b>Levels:</b>	<p>Building Trades I . . . . . 8517 Building Trades II . . . . . 8518</p>
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Trade and Industrial Education
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	PVCC: 12 credits
<b>Grades</b>	10-12



<b>Course Title:</b>	<b>Construction Technology (1-year program)</b>
<b>Course Description:</b>	Students will build structures, including a modular home, and engage in problem-based learning that exposes them to commercial, industrial, residential, public works, and institutional technologies to help them understand the jobs of construction careers. Students learn proper safety procedures for tools and machinery, vocabulary and terms associated with construction, blueprint reading and symbols associated with architecture, and math concepts and principles used in construction.
<b>Prerequisite(s):</b>	Building Trades I & II, C or better. Teacher recommendation required. Students must have their own transportation to work site.
<b>Corequisite(s):</b>	
<b>Credit:</b>	2-3 Elective Credits*; 1-2 Verified Credits (certification, completer) *2 elective credits if taken in conjunction with a CATEC English class.
<b>Levels:</b>	Building Trades I . . . . . 8517 Building Trades II . . . . . 8518 Construction Technology . . . . . 8431
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Trade and Industrial Education
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	TBD
<b>Grades</b>	11-12
<b>Course Title:</b>	<b>Electrical I &amp; II (1-year program)</b>
<b>Course Description:</b>	Students develop skills in the installation, operation, maintenance, and repair of residential, commercial, and industrial electrical systems. They also study electrical theory and mathematical problems related to electricity, navigate the National Electrical Code Book, select and install conductors, examine lighting, communication, and power systems, and work with conduit and raceways, panel boards, switchboards, grounding systems, and generators. <u>Students who complete this program may qualify to receive credit for one year of Apprenticeship with the Department of Labor.</u>  <b>Certifications:</b> NCCER CORE & Level 1, OSHA10
<b>Credit:</b>	I&II: 2-3 Elective Credits*; 1-2 Verified Credits (certification, completer) *2 elective credits if taken in conjunction with a CATEC English class.
<b>Levels:</b>	Electrical I . . . . . 8533 Electrical II . . . . . 8534 Electrical III . . . . . 8535
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Trade and Industrial Education
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	TBD - PVCC
<b>Grades</b>	10-12



<b>Course Title:</b>	<b>Electrical III (1-year program)</b>
<b>Course Description:</b>	Students continue to develop skills in the installation, operation, maintenance, and repair of residential, commercial, and industrial electrical systems. Students also study electrical theory and mathematical problems related to electricity, navigate the National Electrical Code Book, select and install conductors, examine lighting, communication, and power systems, and work with conduit and raceways, panel boards, switchboards, grounding systems, and generators.
<b>Credit:</b>	I&II: 2-3 Elective Credits*;III: 2-3 Elective Credits*; 1-2 Verified Credits (certification, completer) *2 elective credits if taken in conjunction with a CATEC English class.
<b>Levels:</b>	Electrical I . . . . . 8533 Electrical II . . . . . 8534 Electrical III . . . . . 8535
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Trade and Industrial Education
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	TBD - BRCC
<b>Grades</b>	10-12

<b>Course Title:</b>	<b>Introduction to Culinary Arts</b>
<b>Course Description:</b>	This class is designed to introduce students to career options in the food service industry as well as to provide instruction in culinary techniques. This entry-level course provides an overview of the culinary industry and career options through work-study placement. Class time is used for teaching new concepts, reinforcing important skills, and assisting Culinary Arts II students with catering activities. Students who are successful in this class may have the option to take Culinary Arts I the following year.  <b>Note:</b> Students must provide their own transportation to and from their work study site, if applicable.
<b>Prerequisite(s):</b>	
<b>Corequisite(s):</b>	
<b>Credit:</b>	3
<b>Levels:</b>	Introduction to Culinary Arts. . . . . 8224 AM only
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Family and Consumer Science
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	
<b>Grades</b>	10-12 Special education



<b>Course Title:</b>	<b>Professional Culinary Arts I &amp; II (2-year program)</b>
<b>Course Description:</b>	<p>Culinary Arts prepares students to enter employment in food service occupations or to pursue additional education in culinary school. Instruction focuses on sanitation, nutrition, food preparation, catering, purchasing, and inventory control in addition to food presentation and service. Our learning emphasis is academic, hands-on, and includes community-based service learning.</p> <p><b>Certifications:</b> Commercial Foods Assessment (NOCTI); Serve Safe Certification (Food Handler/Manager). Articulated credit available for Culinary Institute of Virginia</p>
<b>Prerequisite(s):</b>	
<b>Corequisite(s):</b>	
<b>Credit:</b>	I: 2-3 Elective Credits*; II: 2-3 Elective Credits*; 1-2 Verified Credits (certification, completer) *2 elective credits if taken in conjunction with a CATEC English class.
<b>Levels:</b>	Professional Culinary Arts I . . . . . 8275 AM only Professional Culinary Arts II . . . . . 8276 PM only Culinary Arts Specialization . . . . . 8279 PM only
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Family and Consumer Science
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	PVCC 12 DE credits year I, 8 DE credits year II
<b>Grades</b>	10-12

<b>Course Title:</b>	<b>Culinary Arts Specialization (1-year program)</b>
<b>Course Description:</b>	<p>The Culinary Arts Specialization curriculum provides students with continuing opportunities to obtain comprehensive knowledge of the food service industry as well as to expand their technical skills in a food service specialty. Students explore careers and refine their skills in implementing safety and sanitation standards, applying nutritional principles, planning menus, using business and math skills, and selecting and maintaining food service equipment. Depending on the options available in the locality, students specialize in one of the following four areas:</p> <ul style="list-style-type: none"> <li>• Baking and Pastry Food-Preparation Techniques</li> <li>• Catering/Banquet Food-Preparation Techniques</li> <li>• Restaurant Operation Techniques</li> <li>• Quantity Food-Preparation Techniques</li> </ul>
<b>Prerequisite(s):</b>	Professional Culinary Arts I & II with C or better. Teacher Recommendation.
<b>Credit:</b>	I: 2-3 Elective Credits*; II: 2-3 Elective Credits*; Specialization: 2-3 Elective Credits*; 1-2 Verified Credits (certification, completer) *2 elective credits if taken in conjunction with a CATEC English class.
<b>Levels:</b>	Culinary Arts Specialization . . . . . 8279 PM only
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Family and Consumer Science
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	TBD
<b>Grades</b>	12



<b>Course Title:</b>	<b>Cosmetology I , II (2-year program)</b>
<b>Course Description:</b>	<p>Cosmetology is a two-year program designed to educate the student in basic fundamental skills, safety regulations, appropriate work ethics, and desirable professional ethics to pass the Virginia State Cosmetology Board Exam. In addition, the program will focus on providing quality education and training in Cosmetology that will help equip each student with the needed skills to be competitive in today's industry. The course provides theory and hands-on training in all phases of the profession, including hair cutting, styling, coloring, chemical relaxing, shampooing, perm waving, facials, artificial nails, and hairpieces.</p> <p><b>Certifications:</b> State Board of Cosmetology License</p>
<b>Prerequisite(s):</b>	
<b>Credit:</b>	<p>Cosmetology I: 2-3 Elective Credits*; Cosmetology II: 2-3 Elective Credits*; 1-2 Verified Credits (certification, completer)  *2 elective credits if taken in conjunction with a CATEC English class.</p>
<b>Levels:</b>	<p>Cosmetology I . . . . . 8527  Cosmetology II . . . . . 8528</p>
<b>Department:</b>	Career and Technical Education (CTE)
<b>SubCategory:</b>	CTE Family and Consumer Science
<b>Offered at:</b>	CATEC (available to all students)
<b>Dual Enrollment:</b>	
<b>Grades</b>	Cosmetology I (10 <sup>th</sup> or 11 <sup>th</sup> ONLY), Cosmetology II ( 11 <sup>th</sup> or 12 <sup>th</sup> )