



# FHS CTE Course List

## 2021-2022

### ARCHITECTURE AND ENGINEERING DESIGN

The Architectural & Engineering Design program of study prepares students for a variety of engineering and design professions including architectural, civil, or mechanical design.

Year 1: AED I – 9th & 10th  
Year 2: AED II – 10th & 11th  
Year 3: AED III – 11th & 12th  
Year 4: AED III – 11th & 12th

AED III is offered for two credits over two years.

Contact Shane McNeill at [shane.mcneill@wcs.edu](mailto:shane.mcneill@wcs.edu)

### AUTOMOTIVE COLLISION REPAIR

Automotive Collision Repair prepares students for entry into careers as professional service technicians.

Year 1: Intro to Collision Repair – 9th & 10th  
Year 2: Collision Repair: Non-Structural – 10th & 11th  
Year 3: CR: Painting & Refinishing – 11th & 12th  
Year 4: CR: Damage Analysis, Estimating, & Customer Service – 12th

Contact Stanley Russell at [stanley.russell@wcs.edu](mailto:stanley.russell@wcs.edu)

### BIOMEDICAL SCIENCES

By immersing students in real world hands on activities these courses empower students to build knowledge and skills in biomedical science, as well as in-demand, transportable skills like problem solving, critical and creative thinking, communication, and collaboration.

Year 1: Principles of Biomedical Science Honors – 10th  
Year 2: Human Body Systems – 11th  
Year 3: Medical Interventions – 12th

Contact Evelina Galas at [evelina.galas@wcs.edu](mailto:evelina.galas@wcs.edu)

### CULINARY ARTS

Culinary Arts equips students with the skills to pursue careers in the culinary field as a personal chef, caterer, executive chef, and food and beverage manager.

Year 1: Culinary Arts I – 9th & 10th  
Year 2: Culinary Arts II (2 credits/2 periods) – 10th & 11th  
Year 3: Culinary Arts III – 11th & 12th

Contact Charles Gillespie at [charlesg@wcs.edu](mailto:charlesg@wcs.edu)

### DIGITAL ARTS & DESIGN

Students develop skills in various fields of digital design including graphic design, computer art and illustration, photography, digital imaging, interactive design, animation, and motion graphics.

Year 1: DAD I – 9th & 10th  
Year 2: DAD II – 10th & 11th  
Year 3: DAD III Portfolio or DAD III Animation/Motion or Applied Arts Practicum – 11th & 12th  
Year 4: DAD III Portfolio or DAD III Animation/Motion or Applied Arts Practicum – 12th

DAD III is offered for two credits over two years.

Contact Melissa Estes at [melissae@wcs.edu](mailto:melissae@wcs.edu)

### EARLY CHILDHOOD EDUCATION CAREERS

Early Childhood Education and Training is designed to prepare students for the field of teacher education.

Year 1: ECEC I – 9th & 10th  
Year 2: ECEC II – 10th & 11th  
Year 3: ECEC III – 11th & 12th  
Year 4: Education and Training: Early Childhood Education Careers/Teaching As A Profession – 11th & 12th

Contact Angie Cathey at [angelac1@wcs.edu](mailto:angelac1@wcs.edu)

### INFORMATION TECHNOLOGY

Students will develop programming and coding skills as they work on projects of increasing complexity. Emphasis will be on actual programming projects, both individual and group.

Year 1: Coding I – 9th & 10th  
Year 2: Cybersecurity I H/Autonomous Vehicles I – 10th & 11th  
Year 3: Cybersecurity II H/Autonomous Vehicles II – 11th & 12th  
Year 4: Cybersecurity Practicum H or AP Computer Science A – 11th & 12th

Contact Brent Greene at [richard.greene@wcs.edu](mailto:richard.greene@wcs.edu)

### LEGAL CAREERS – PRE-LAW & CRIMINAL JUSTICE

The Pre-Law and Criminal Justice courses prepare students for a range of careers in legal services careers, law enforcement, crime scene analysis, forensic science, public safety, and criminal justice.

Year 1: Pre-Law I – 10th  
Year 2: Criminal Justice II – 11th  
Year 3: Criminal Justice III – 12th

Contact Shauna Dixon at [shaunad@wcs.edu](mailto:shaunad@wcs.edu)

### MARKETING AND MANAGEMENT

The Marketing program of study prepares students for employment in a career where learned techniques and strategies are used to convey ideas and information through marketing communications.

Year 1: Marketing & Management I: Principles – 9th & 10th  
Year 2: Marketing & Mngmt. II: Advanced Strategies – 10th & 11th  
Year 3: Event Planning & Management – 11th & 12th  
Year 4: Entrepreneurship or Work-Based Learning – 12th

Contact Anita Roenbeck at [anita.roenbeck@wcs.edu](mailto:anita.roenbeck@wcs.edu)

### TV & FILM PRODUCTION

TV and Film Production is designed for students interested in a range of entertainment and news media fields.

Year 1: TV and Film Production I – 9th & 10th  
Year 2: TV and Film Production II – 10th & 11th  
Year 3: TV and Film Production III – 11th & 12th  
Year 4: TV and Film Production III (2nd Credit) – 12th

TV and Film Production III is offered for two credits over two years.

Contact Keri Thompson at [keri.thompson@wcs.edu](mailto:keri.thompson@wcs.edu)

For more detailed information about any of the courses please see the CTE Programs of Study Packet on the FHS website.