CAREER AND TECHNICAL EDUCATION

Career and Technical Education (CTE) is at the forefront of preparing students to be “college- and career-ready” by providing programs through which students acquire core academic skills and knowledge, learn relevant technical applications, and prepare for postsecondary studies and employment opportunities following high school graduation. Career experiences and connections to business through CTE courses allow students to explore multiple career pathways. These courses may lead to industry recognized certifications or state licensure. Students taking certain CTE courses may earn college credit through dual enrollment and articulation agreements with postsecondary institutions. For more information about CTE, please visit http://www.fcps.edu/is/cte/index.shtml.

2016-2017 HIGH SCHOOL CTE COURSE OFFERINGS

**Business and Information Technology**
- Accounting (also in the Online Campus)
- Business Cooperative Internship
- Business Law
- Business Management
- Business Management – Virtual Enterprise
- Design, Multimedia, and Web Technologies
- IB Business and Management
- Information Systems
- Office Administration
- Principles of Business
- Programming
- Web Page Development

**Marketing (continued)**
- Global Marketing
- Introduction to Marketing
- Marketing
- Marketing Cooperative Internship
- Sports and Entertainment Marketing

**Military Sciences**
- Air Force Junior Reserve Officer Training Corp
- Army Junior Reserve Officer Training Corp
- Marine Junior Reserve Officer Training Corp
- Naval Junior Reserve Officer Training Corp

**Technology and Engineering Education**
- Advanced Drawing
- Aerospace Science
- Architectural Drawing
- Basic Technical Drawing
- Design and Technology
- Electronics
- Engineering Drawing
- Geographic Information Systems
- IB Design and Technology
- STEM Advanced Electronics and Robotics
- STEM Advanced Engineering
- STEM Engineering

**Family and Consumer Sciences**
- Child Development and Parenting
- Culinary Arts
- Early Childhood Careers
- Fitness and Food
- Gourmet and International Foods
- Introduction to Interior Design
- Life Planning
- Teachers for Tomorrow

**Health and Medical Sciences**
- See Academy Course Offerings

**Trade and Industrial**
- Automotive Technology
- Cosmetology
- Criminal Justice

2016-2017 MIDDLE SCHOOL CTE COURSE OFFERINGS

**Business and Information Technology**
- Computer Solutions
- Digital Input Technologies
- Keyboarding

**Family and Consumer Sciences**
- Family and Consumer Sciences 6, 7, and 8

**Technology and Engineering Education**
- Introduction to Technology
- Engineering Design and Modeling 7
- Engineering Simulation and Fabrication 8

No student in Fairfax County Public Schools shall on the basis of race, color, sex (including sexual harassment, Title IX, and pregnancy), marital status, religion, national origin, age, disability, or genetic information be excluded from or denied enrollment in any academic activity or course. The director of the Office of Equity and Compliance has been designated to handle inquiries and complaints regarding nondiscrimination policies to include those covered under Title IX and can be reached at 571-423-3000. For concerns regarding compliance under Section 504 of the Rehabilitation Act of 1973, please contact the coordinator of Due Process and Eligibility at 703-317-3000. Visit http://www.fcps.edu/aad/a.html for more information.
### 2016-2017 HIGH SCHOOL ACADEMY COURSE OFFERINGS

#### CHANTILLY ACADEMY – A Governor’s STEM Academy
[http://www.fcps.edu/ChantillyAcademy/](http://www.fcps.edu/ChantillyAcademy/)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>Air Force JROTC</td>
<td>Exploring Health Sciences</td>
</tr>
<tr>
<td>Animal Science</td>
<td>Exploring the Language of Medicine</td>
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<tr>
<td>Automotive Collision Service</td>
<td>Geographic Information Systems</td>
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<tr>
<td>Automotive Technology</td>
<td>Medical Assistant</td>
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<tr>
<td>Carpenter</td>
<td>Pharmacy Technician</td>
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<tr>
<td>Cosmetology</td>
<td>Pre-Calculus (Dual Enrollment) with Chantilly Academy course</td>
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<tr>
<td>Criminal Justice</td>
<td>STEM Engineering</td>
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<tr>
<td>Culinary Arts</td>
<td>STEM Robotic Systems</td>
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<tr>
<td>Cyber: Computer Systems Technology A+</td>
<td>Teachers for Tomorrow</td>
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<tr>
<td>Cyber: Database Design &amp; Management, Oracle</td>
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