

Academy of Green Technology

Douglas Byrd High School



The **Academy of Green Technology** provides high school students with high-quality interdisciplinary learning experiences that emphasize **Science, Technology, Engineering and Math** concepts. Students will explore alternative methods of generating electricity along with conservation practices that will help power the future. Students have the opportunity to earn the following four certifications upon completion:

- ◆ **ETA** certified Solar PV Installer
- ◆ **RESNET** certification in Energy Auditing
- ◆ **Electrical/Electronics Technology** (FTCC)
- ◆ **Microsoft Office Specialist**



High School Coursework

- Drafting I
- Generating Clean Electrons
- Microsoft Word and PowerPoint
- Sustainable Conservation I

FTCC Coursework (16 hours)

- ELC 112 - DC/AC Electricity
- ELC 118 - National Electrical Code
- ELC 220 - Photovoltaic System Technology
- ELC 221 - Advanced Photovoltaic System Design
- ELC 229 - Applications Project
- ARC 111 - Intro to Architectural Technology
- ARC 112 - Construction Materials & Methods
- ARC 114 - Architectural CAD & Lab
- SST 140 - Green Building

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