



PHOTOVOLTAIC SYSTEMS-INTRO



Introduction to Photovoltaic Systems is designed to provide training for persons interested in the installation and maintenance of electrical systems found in residential and industrial facilities. Course work, most of which is hands on, will include such topics as DC/AC theory, basic wiring practices, industrial motor controls, and programmable logic controllers. Graduates of this certificate should qualify for a variety of jobs in the electrical field as an on the job trainee or apprentice. Courses in this certificate can be transferred directly into the Electrical Systems Technology associate degree or diploma curriculum.

SEMESTER (16 WKS)	COURSE	NAME	FTCC Credit	High School Credit
Fall	ELC 118	National Electric Code	2	1 S
	ELC 220	Photovoltaic Systems Tech	3	1 S
Spring	ACA 120	Career Assessment	1	1 S
	ELC 221	Adv Photovoltaic Systems Design	3	1 S
	ELC 229	Applications Project	2	1 S

Students must take ELC 112 concurrently to complete the Photovoltaic Systems-Intro Certificate.



High School Connections

High School Connections (HSC) is a partnership between local high schools and Fayetteville Technical Community College that provides seamless dual enrollment educational opportunities for high school students in order to accelerate completion of college certificates, diplomas, and associate degrees that lead to college transfer or provide entry-level job skills.

HERE'S WHAT YOU NEED TO KNOW

- **Offered:** College Transfer (CT) or Career and Technical Education (CTE) courses. Most CTE programs will lead to a community college certificate.
- **Required:**
 - High School juniors and seniors ONLY
 - Unweighted GPA of 2.8 on High School Courses
 - OR Testing pre-requisites (i.e. PSAT, SAT, PACT, ACT, etc)
 - OR a waiver letter from the high school (for CTE's without UGETC courses only)
- **Schedule:** Most classes will run 1:00-3:00 Monday – Friday and will follow the Cumberland County Schools schedule for holidays
- **Transportation:** Cumberland County Schools will offer transportation to FTCC from most of their comprehensive high schools. See your counselor for details.
- **Cost:** Tuition is waived. Students pay textbook/supply cost (uniforms and special equipment)
- **Graduation:** CTE certificate completers will graduate from FTCC in May of each year.
- **More info:** A complete listing of HSC offerings can be found on our website at:

<http://www.faytechcc.edu/academics/high-school-connections>

TO FIND OUT HOW YOU CAN REGISTER FOR HIGH SCHOOL CONNECTIONS CLASSES, SEE YOUR HIGH SCHOOL COUNSELOR TODAY!