

Computer Aided Drafting  
Computer CO-OP  
Drafting CO-OP

"By choosing the technical path or taking a CAD class every year,  
students with high marks & work ethic may qualify during their  
senior year for a position  
With the TVA Cadnet School to Work Program.



## Electricity Mr. Tony Tampas

This course will lead to experiences in safety practices, electrical systems (AC and DC circuits), special tool identification and usage, and using construction drawings to layout and fabricate electrical projects.

Fundamentals of Construction  
MEP Systems  
Electrical Systems I

(9th—10th)  
(10th—12th)  
(10th—12th)







# Electricity

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Construction Core	5814	(9th—10th)
Electricity I	5815	(10th—11th)
Electricity II	5816	(11th—12th)

## CONSTRUCTION CORE

### COURSE DESCRIPTION

**Construction Core** is a course that will introduce students to basic skills and knowledge applicable to all construction trades. Topics covered include safety, construction drawings, site layout, hand and power tools, linear and angular measurements, and application of algebraic and geometric principles to construction problems.

## Electrical I

### COURSE DESCRIPTION

**Electrical I** will provide basic skills and knowledge related to residential and commercial electrical systems. Course content includes leadership development, safe practices, Ohm's law, installing conduit, conductors, residential and commercial electrical systems and services according to National Electrical code (NEC) and local codes. This course gives students an introduction to the skill and knowledge base typically required for apprentice electricians.