

COMPLETER: Electrical Construction**CREDITS: 6**

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade →	9	10	11	12
Exact scheduling depends on student's plan and school's master schedule.	English 9 (1)	English 10 (1)	❖AP Language and Composition	English 12 (1)
	US Government (1)	US History (1)	World History (1)	
	Conceptual Physics (1)	Chemistry (1)	Biology (1)	
	Algebra I (1)	Geometry (1)	Algebra II (1)	Higher Level Math (1)
	PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	Fine Arts (1)	Foundations of Technology (1)		
	World Language (1)	World Language (1)		
Completer Program Requirements			Electrical Construction I (3)	Electrical Construction II (3)
Career Specific Electives (may be taken any year offered after prerequisites have been satisfied) 8 credits possible per year	❖Recommended AP Connections: AP Physics (1), AP Statistics (1) Advanced Design Applications (1), Technological Design (1), Math Elective beyond Alg. I (.5-1), Agricultural Mechanical Technology (1), Business Communications & Keyboarding (1), Public Speaking (.5), Internship (.5-1)			
Value Added: From: Program:	Up to 1 year toward Apprenticeship Associated Builders & Contractors	6 Articulated credits Community College of Baltimore County, Catonsville Construction Technology		
End of Program Test: Industry: Taken:	NCCT Academic Core v2 National Center for Construction Education and Research (NCCER) At the end of Electrical Construction I		NCCT Academic Electrical Level I v2 National Center for Construction Education and Research (NCCER) At the end of Electrical Construction II	

**ELECTRICAL CONSTRUCTION – Six Credit Completer****ELECTRICAL CONSTRUCTION**

Course: 553437-I (Articulated) 3 credits
 553637-II (Articulated) 3 credits

Students study the generation and transmission of electricity as it applies to home and commercial wiring. Practical work is performed on the installation and functions of wiring apparatus, fixtures, motors, control panels, and insulating materials. Instruction in the electrical wiring code published by the National Board of Fire Underwriters is included in this program. Students are required to pass the National Construction Career Test (NCCT) titled Core-Introductory Craft Skills to achieve Level II status in construction programs. At the end of Level II, students will take the NCCT in Electrical.

Prerequisites and other notes: These courses are part of the Electrical Construction completer program. Students are required to pass the National Construction Career Test (NCCT) titled Academic Core-Introductory Craft Skills to achieve Level II status in construction programs. Students who successfully complete the program will take the Academic Electrical Level I National Construction Career Test (NCCT).