Electronics Technology – Computer Electronics Technology Specialization
DIPLOMA

MAJOR CODE: ET148CE2   REQUIRED CREDIT HOURS: 56   CIP Code: 47.0101

Location(s): DeKalb

Program Description: The Electronics Technology Diploma program is a sequence of courses designed to prepare students for careers in electronics technology professions. Learning opportunities develop academic, technical, and professional knowledge and skills required for job acquisition, retention, and advancement. Program graduates are to be competent in the general areas of communications, mathematics, computer literacy, and interpersonal relations. The program emphasizes a combination of electronics technology theory and practical application necessary for successful employment using both manual and computerized electronics systems. Program graduates receive an Electronics Technology Diploma which qualifies them as electronics technicians with a specialization in biomedical instrumentation, communications electronics, computer electronics, general electronics, industrial electronics, or telecommunications electronics.

Course Number	Course	Credit Hours	Pre/Co-Requisite(s)
ELCR1005	Soldering Technology	1	
ELCR1010	Direct Current Circuits	6	
MATH 1013	Algebraic Concepts	3	Refer to Catalog
ELCR1020	Alternating Current Circuits	7	ELCR1010
ELCR1030	Solid State Devices	5	ELCR1020
MATH1015	Geometry and Trigonometry	3	Refer to Catalog
ENGL 1010	Fundamentals of English I	3	Refer to Catalog
ELCR1040	Digital and Microprocessor Fund	5	ELCR1030
ELCR1060	Linear Integrated Circuits	3	ELCR1030
COMP 1000	Introduction to Computer Literacy	3	Refer to Catalog
ELCR2210	Advanced Circuit Analysis	5	ELCR1020
ELCR2220	Advanced Modulation Techniques	3	ELCR2210
ELCR2230	Antenna and Transmission Lines	3	ELCR2220
EMPL 1000	Interpersonal Relations and Professional Development	2	Refer to Catalog
ELCR2240	Microwave Communications and Radar	3	ELCR2230
ELCR2250	Optical Communication Techniques	3	ELCR2240
	Total	**58**	

Notes
- Course descriptions, and required pre/co-requisites are available in the college catalog, which can be found online at https://www.gptc.edu/current-students/course-catalog/.
- Changes to program requirements can be made and will be properly communicated to students.

Gainful Employment Information
- Gainful employment information for this program can be found at: https://www.gptc.edu/Electronics%20Technology/ElectronicsFundamentalsGE.html

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Additional Information

- As set forth in its student catalog, Georgia Piedmont Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, veteran status, or citizenship status(except in those special circumstances permitted or mandated by law). Contact Lisa Peters, the ADA Coordinator at 404-297-0522, ext. 1154, ADA504Coordinator@gptc.edu or at the main DeKalb campus, 495 N.Indian Creek Drive, Clarkston, GA 30021, Room A-170; or Dr. Debra Gordon, the Title IX Coordinator, at 404-297-9522, ext. 1176, TitleIXCoordinator@gptc.edu or at the main DeKalb campus, 495 N. Indian Creek Drive, Clarkson, GA 30021 Room A103 for assistance.
- For more information about our graduation rates and other important program information, please visit our website at: http://www.gptc.edu/wp-content/uploads/2018/02/Placement-rate-by-program.pdf
- Georgia Piedmont Technical College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate of Applied Science degrees, diplomas and technical certificates of credit. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Georgia Piedmont Technical College. The Commission should be contacted only if there is evidence that appears to support Georgia Piedmont Technical College's significant non-compliance with Commission requirements or standards. Inquiries related to normal and ongoing College operations such as admission requirements, financial aid, programs, etc., should be addressed directly to Georgia Piedmont Technical College and not to the Commission on Colleges.

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