



Transit Electronics Technician Specialization DIPLOMA

MAJOR CODE: TET2 REQUIRED CREDIT HOURS: 58 CIP Code: 47.0101

Location(s): DeKalb

Program Description: The Transit Electronics Technician program is designed to provide students with an understanding of electrical theory and industrial transit applications. The program emphasizes both theory and practical applications. The student is provided with training to understand and troubleshoot various complex systems and subsystems on a transit vehicle. The program covers topics in safety, circuit theory, microprocessors, computer networking, and 3 phase motor drives.

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
CIST1401	Computer Networking Fundamentals	4	
IDFC1007	Industrial Safety Procedures	2	
IDSY1110	Industrial Motor Controls I	4	
EMPL 1000	Interpersonal Relations and Professional Development	2	Refer to Catalog
IDSY1120	Basic Industrial PLC's	4	
TRST1000	Transit Industry Fundamentals	1	
TRST1040	Transit Fiber Optics	2	
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/Transit%20Electronics%20Tech/TransitElectronicsTechGE.html>

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, TitleXCoordinator@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.