

TECHNICAL COLLEGE SYSTEM OF GEORGIA

ACADEMIC AFFAIRS DIVISION – OFFICE OF TECHNICAL EDUCATION

INFORMATION TICKET

Date: 5/21/2024

Prepared by: Mike Howard Email: choward@tcsge.edu

Process	Action Required
<input checked="" type="checkbox"/> Curriculum Revision	<input type="checkbox"/> Notify Appropriate Personnel
<input checked="" type="checkbox"/> Course Revision	<input checked="" type="checkbox"/> Submit Vote
<input checked="" type="checkbox"/> Probe Notice	Submit Vote by: 6/11/2024
<input type="checkbox"/> Probe Feedback	<input type="checkbox"/> Notify Faculty and Administration
<input type="checkbox"/> Probe Outcome	<input type="checkbox"/> Information Only
<input type="checkbox"/> Other	

PAS Group Title/PAS Code: Electronics and Telecommunications/0540; Air Conditioning Technology/0100; Automated Manufacturing Technology/0170; Electrical Construction and Maintenance/0500; Environmental Engineering Technology/ 0570; Industrial Systems Technology/0680; Mechanical Engineering Technology/0810; Railroad Operations/1020

Program Standard Title/Major Code(s) and/or Course Standard Title/Course Code(s):	
BB71-Basic Electronics Technician (GA Northwestern)	ELCR 1007-Introduction to Electronics
BE31-Basic Electricity Technician (Coastal Pines)	ELCR 1110-Direct Current Circuits
BE41-Basic Electronic Assembler	ELCR 1120-Alternating Current Circuits
CTT4-Convergent Telecommunications Technology (Albany)	ELCR 1125-Advanced AC and DC Circuits
DET1-Digital Electronics Technician (Coastal Pines)	ELCR 1130-Solid State Devices I
EF12-Electronics Fundamentals	ELCR 1135-Solid State Devices II
ET13-Electronics Technology	ELCR 1140-Digital Fundamentals
	ELCR 1150-Basic Microprocessors and Embedded Systems
	ELCR 2115-Process Control

Program Standard Title/Major Code(s) and/or Course Standard Title/Course Code(s):

ET14-Electronics Technology	ELCR 2125-Motor Controls
HT21-Home Technology Integration Specialist	ELCR 2135-Programmable Controllers
LV21-Low Voltage System Installer (Wiregrass)	ELCR 2155-Fluid Power
LVE1-Low Voltage Electronic Safety and Security Technician (Wiregrass)	ELCR 2165-Robotics and Embedded Systems
NEA1-Naval Electronics Apprentice (Coastal Pines)	ELCR 2175-Computer Hardware
TAS3-Telecommunications and Security Technology (Wiregrass)	ELCR 2195-Networking I
TC61-Telecommunications Cabling Specialist (Albany)	ELCR 2215-Analog Communications
TES2-Telecommunications and Security Technology (Wiregrass)	ELCR 2225-Digital Communications
TET2-Transit Electronics Technician (GA Piedmont)	ELCR 2235-Antenna and Transmission Lines
TS41-Telecommunications Service and Operations (GA Piedmont)	ELCR 2245-Microwave Communications and Radar
TSA1-Telecommunications Service and Electronics (Lanier)	ELCR 2595-Optical Fiber Systems
VFD1-Variable Frequency Drives Technician (GA Northwestern)	ELCR 2655-Home Automations Systems
CR12-Commercial Refrigeration (GA Piedmont)	ELCR 2685-Access Control and CCTV Installation
CR13-Commercial Refrigeration (GA Piedmont)	
PMA3-Precision Manufacturing and Maintenance	
AL51-Apprentice Lineworker-Basic (Southern Crescent)	
EI11-Energy Industry Technology	
AE21-Alternative Energy Fundamentals	
AM11-Mechatronics Specialist	
MPS1-Manufacturing Operations Specialist	
ME22-Manufacturing Engineering technology (Ogeechee)	
ME23-Manufacturing Engineering Technology (Ogeechee)	
LE51-Locomotive Electrical Systems (Coastal Pines)	

Program Standard Title/Major Code(s) and/or Course Standard Title/Course Code(s):	
LEA2-Locomotive Electrical and Mechanical Technology (Coastal Pines)	
LM31-Locomotive Mechanical Systems (Coastal Pines)	
RSM3-Railroad Systems Management Technology (Coastal Pines)	

TICKET INFORMATION:

The Electronics and Telecommunications IFCC met on April 20, 2023, at Central GA Tech – Macon campus to discuss proposed revisions to the curriculum. The revisions being looked at were originally proposed in 2017. The driving purpose for the revisions was to align Electronics courses with courses from other programs, specifically Industrial Systems, for easier transferability between programs. Another benefit would be instructors at smaller colleges could teach one class to students in multiple program areas making for a larger class and freeing up the other instructor to teach another class.

The group reviewed the proposed revisions and agreed to move forward. Due to the far reaching scope of the proposed revisions, approval from all colleges offering the Electronics program was needed. Mike sent an email through the Electronics faculty listserv with 4 attached documents (Course Standards Revisions, Program Standards Revisions, Program Revision Summary, and Course Revision Matrix) along with a link to a Google Form to submit their vote and comments. Colleges were given a deadline of August 31 to submit their vote. All participating colleges agreed to move forward with the proposed revisions.

The ELCR courses (202412 version) have new course numbers though the course titles remained the same with a few exceptions where the new course name better reflects the course content. There are 3 attached appendices. Course Revision Matrix shows a comparison of contact hours and credit hours between the new course and the current course. Program Revision Matrix shows a comparison of contact hours and credit hours between the new program and the current program. Program Revision Summary is a listing of all programs by PAS group indicating current version and a description of the proposed revisions.

College will have 3 weeks to submit their vote.