

# TROUBLESHOOTING CERTIFICATE

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The Troubleshooting certificate builds technical knowledge and critical thinking skills by giving students the skills needed to troubleshoot and repair electronic devices. These skills are highly sought after by employers that include manufacturing facilities and electronic equipment suppliers.

Electronic Engineering Technology Major

## Technical Standards

See here for details.

Code	Title	Hours
<b>Math Elective</b>		
Minimum 6 Credits		
MTH 1210	Mathematics I	3
MTH 1370	College Algebra	4
MTH 1430	Trigonometry	3
IMT 1911	Technical Math I	3
IMT 1921	Technical Math II	3
<b>Electrical Elective</b>		
Minimum 24 Credits		
CPT 1120	Introduction to VB Programming	3
CPT 2320	C# Programming	3
EET 1110	Circuit Analysis I	3
EET 1120	Circuit Analysis II	3
EET 1130	Electronics	4
EET 1330	Digital Circuits	4
EET 2030	Motor Controls	3
EET 2200	Panel Wiring and Arc Flash Safety	3
EET 2310	Microcontroller Fundamentals	4
EET 2320	C# Programming	3
EET 2900	Electric Codes and Application	2
EET 2911	Programmable Logic Controllers	3
ENV 1300	OSHA Regulations and Safety	3
FMS 2110	Basic Robotics and Mechatronics	3
FMS 2130	Industrial Mechatronics and Robotics	3
IMT 2170	Industrial Motor Drives	2
IMT 2260	Industrial Electronic Controls	3
<b>Total Hours</b>		<b>30</b>

Rhodes State College's Electronic Engineering Technology program is accredited by the Engineering Technology Accreditation Commission of ABET.