

FIGURE 6.6

Competency-Based Rubric for Student-Led SPUR Conferences

Course: Automotive Technology Program				
Instructors: Jesse Gregoire and Scott Mayotte				
Competency: Electrical/Electronic Systems: Understand the procedures and techniques of electrical/electronic systems in order to repair and maintain them.				
School: Concord Regional Technical Center, New Hampshire				
CTE DOK Performance Description	Expanding (DOK 4) Routinely extend thinking and work beyond a proficient level.	Proficient (DOK 3) Analyze, research, and apply knowledge and skills to solve typical industry problems.	Developing (DOK 2) Know and show how system components align and work together.	Beginning (DOK 1) Recall, remember, and categorize routine details related to industry systems.
Occupational Pathways	A Technician: Shop Foreman	A Technician	B Technician	C Technician/ Lube Technician
Practice/ Technical Skills Performance Indicators	I can ... Make recommendations and repairs based on conclusions from the voltage drop test results. Make recommendations and repairs based on conclusions from the resistance test results. Make recommendations and repairs based on conclusions from test results. Maintain, restore, reinitialize, or code electrical systems.	I can ... Make conclusions of circuit performance based on voltage and voltage drop test results. Make conclusions of circuit performance based on resistance test results. Make conclusions of circuit performance based on test results.	I can ... Measure voltage and voltage drop. Measure resistance. Measure current. Remove, replace, and reinstall electrical components.	I can ... Set up the digital multimeter. Inspect and clean electrical system components. Verify electrical system operation.
Evidence	Manufacture Certification: Electrical Systems Certification ASE Student Certification: Electrical/Electronic Systems	CRTC: Basic Electrical Test Manufacture Certification: Electrical Systems Certification ASE Student Certification: Electrical/Electronic Systems	CRTC: Basic Electrical Test	CRTC: Basic Electrical Test

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