Program Review Final Report

for

Electronics Engineering Technology

Submitted to

Dr. Amanda Lee, Vice President of Instruction

by

Program Review Committee Chair:
Pat Hogan, Dean of Vocational/Technical Education

Program Review Team:
Joe Stokes, Electronics Engineering Technology Lead Instructor
Shawn Russell, Department Chair Engineering
Amanda Lee, Vice President of Instruction
Matthew Thomas, Career and Job Placement Specialist
RB Richey, Nuclear Maintenance Technology
Jay Rogers, Department Chair Marine Technology
Jan Fazzari, Institutional Researcher
Patsy Lackey, Administrative to the Vice President of Institutional Effectiveness

Signatures:

Lead Instructor: [Signature]

Department Chair: [Signature]

Instructional Dean: [Signature]
I. List of Team Members

Joe Stokes, Electronics Engineering Technology Lead Instructor  
Shawn Russell, Department Chair Engineering  
Pat Hogan, Dean Vocational and Technical Programs  
Amanda Lee, Vice President of Instruction  
Matthew Thomas, Career and Job Placement Specialist  
RB Richey, Nuclear Maintenance Technology  
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II. Analysis of Results:

A. Strengths

Program enrollment is steady with good diversity in the program.

FTE is consistent.

There are three full-time and 3 part-time faculty teaching in the program. They all meet SACS credential guidelines and participate in professional development activities to remain current in their field.

Even though there is no formal articulation agreement, UNC Charlotte offers graduates the opportunity to continue their education to obtain a bachelors degree.

Electronics Technology Association’s Associate-Certified Electronics Technician and the Journeymen in Telecommunications certifications are available to students.

Electronics Engineering is a great support for other programs such as Nuclear Maintenance Technology.

The facilities and equipment are up to date.

Program planning (SPOL) is excellent. There are good assessment measures that are well documented. Results are well documented as well.

The Advisory Committee is active and very supportive of the program.
The program curriculum was revised in 2010 and is in accordance with the North Carolina Community College Standards.

The EET program offers an Associate in Science degree and a Certificate.

On the Currently Enrolled Student Survey, 88.9% of respondents indicated they are satisfied with the quality of instruction and the overall program. 11.1% indicated a neutral response.

There is a 100% employment rate for graduates from the past three years.

B. Weaknesses

   No Weaknesses

C. Opportunities

   Explore marketing opportunities for the program to let the public know that testing is done for the FCC for the community through the Electronics Technology Association and to increase exposure of the program.

   The EET Advisory committee suggests an upgrade of our existing Rockwell Automation /Allen Bradley PLCs (Programmable Logic Controllers used in ELC 128 - Intro to PLCs) that are most common to local industry. Beckoff Controllers are also used in local industry and should be added to supplement the Allen Bradley brand in the ELC 128 course.

   Students in new programs coming on line, Laser and Protonics, will be required to take several of the EET classes. This will increase exposure for the program.

   Threats

   None.

III. Committee Recommendations

   The team recommended that the college:

   Continue program without recommendations.

   Joe Stokes is commended for his efforts on the new Renewable Energy Lab and with the work he accomplished on the Super CIP for Electronics Engineering Technology curriculum statewide.

   Notes:
• Order updated PLC’s and Beckoff Controllers to keep the program on the cutting edge of technology.

• Continue work on the Renewable Energy Lab.

• Work with the instructional technologist to set up a U-tube channel in order to increase exposure for the program.

Review again in five years.