

# Piedmont Community College

## Industrial Systems Technology Program Review

### Executive Summary

The Executive Summary for the Industrial Systems Technology Program Review is submitted below. The report focuses on strengths, weaknesses, recommendations, and an action plan. Members of the committee were:

* Judy Bradsher	Dean, Technical and Occupational Programs (Chair)
* David Wehrenberg	Instructor, Industrial Systems Technology
* James McCormick	Instructor, Electrical Power Production Technology
* Ted Treglown	Instructor, Electrical Electronics Technology
* Wayne Cohan	Instructor, Political Science/History
* Samantha Marcellus	Advisor/Career Counselor
* Tina Bryant-Allen	Director, Research and Institutional Effectiveness (Ex Officio)

### STRENGTHS

Strengths identified by the committee and external sources (advisory committees, most common employers of our students, employer's surveys, etc.) and students (surveys, class/instructor evaluations, focus groups, etc.):

- The knowledge base for students provides them with opportunities to work within various industry settings.
- Continue to work with the local industries through the Continuing Education Area which leads to opportunities for recruitment of potential curriculum students
- Faculty very involved in community and industry
- Faculty maintains Professional Engineering license
- Students comments that program of study has a balance of practical and knowledge base learning
- Program faculty stays abreast of industry need and incorporate into coursework

### WEAKNESSES

Weaknesses identified by the committee, external sources, and students:

- Course scheduling is sometime limited due to lab space and equipment
- Recruiting new students in a time where the local industry base is decreasing
- Obtain equipment for the program with limited funding

## RECOMMENDATIONS

Recommendations to improve the program:

- Industry representatives indicated a need for ARC Flash information to be incorporated into the Industrial safety course work
- Seek out alternate funding sources to supplement budgetary issues
- Continue to build upon concepts of sustainability and green energy options
- Actively market new Sustainability certificate and increase student recruit through community activities and industry contacts

## ACTION PLAN

The table below addresses the action plan.

Item	Plan	Responsibility	Timeline
Complete the LCD installation in the classroom	The IST faculty will work with LRC staff to complete installation.	Faculty and LRC staff	Fall 2011
Add 3 additional mechanical work benches for increased student work space for hands-on activities and student learning	Dean and IST faculty will investigate funding sources to acquire new equipment.	Dean and EPPT Faculty	Spring 2012
Repair the current DC drive electronic board or investigate the purchase of a new one	Dean and EPPT faculty will evaluate the cost effectiveness of repairing the equipment versus a new purchase.	Dean and EPPT Faculty	Spring 2012
Paint the interior walls of the classroom	Dean and IST faculty will work with Facilities Director and Maintenance staff to have classroom identified for repair.	Dean, IST faculty, Director of Facilities and Maintenance staff.	Summer 2012
Repair leaks in the ceiling of the classroom area	Dean and IST faculty will work with Facilities Director and Maintenance staff to have classroom identified for repair	Dean, IST faculty, Director of Facilities and Maintenance staff.	Summer 2012