

2007-08 Catalog: Programs of Study

Industrial Maintenance Technology (5974)

Workforce Certificate

The Industrial Maintenance program is designed to prepare students for entry level positions relating to industrial maintenance. This program covers electrical basics including, programmable logic controllers (PLCs), industrial wiring, electronic technology, equipment maintenance, and motors and controls. The job outlook is very positive now and in the future.

Approximately 60-70 percent of the training is "hands-on" utilizing actual industrial equipment and situations emphasizing electrical safety in all of the training environments, classrooms, and labs.

This program does not provide a Florida state workforce certificate but does provide a Florida Community College certificate. Students can articulate to the certificate or college credit degree programs; contact the advisor for more information. This program incorporates the skills and experience needed for many industrial maintenance careers. The program is designed for students seeking the necessary hands-on experience for entry level positions in the field of industrial maintenance. After completing the courses in this program the student can transfer to a college credit program.

Career Opportunities, Rapid Placement

Florida has more than 16,000 manufacturers employing more than 400,000, and the demand for more is high. And Florida Community College will refer you for internships and job interviews.

Annual Salaries

Entry level wage in industrial machinery and manufacturing in Florida averages \$17.10 per hour. Overtime, bonuses, rapid advancement and opportunities for self-employment can rapidly increase your income.

Application Procedure

1. Applicants must be accepted for admission to Florida Community College.
2. A high school completion transcript or copy of General Education Development (GED) test scores.
3. Completion of TABE (Test of Adult Basic Education). For TABE information call 904.633.8388.

The Test of Adult Basic Education (TABE) is a major criterion in a student's completion of the program. Students who fail to meet the State of Florida's designated exit score will be required to complete the Vocational Preparatory Instruction (VPI). In order to complete the program successfully, students must achieve or surpass the designated exit score(s). See **Standards of Academic Progress**.

Cost

Estimated cost of tuition is \$700 (tuition rated for Florida residents, as of 7/06). Contact the program manager for additional costs (textbooks, materials, fees).

Need More Information? Contact:

Lance Wallace, Advanced Technology Center, 904.598.5676

Curriculum

Course Number and Title	Contact Hours	Workforce Credits
*VPI 0100 Basic Reading Skills		
*VPI 0200 Basic Mathematical Skills		
*VPI 0300 Basic Language Skills		
EEV 0031 Survey of Electronics	60	2.00
BCV 0663 Motors and Controls	60	2.00
EEV 0175 Industrial Wiring	60	2.00
EER 0471 Industrial Electronic Technology	60	2.00
EEV 0332 Introduction to PLCs	60	2.00
EER 0493 Industrial Maintenance	60	2.00
Total Contact Hours	360	12.00

*Students who have satisfactory test scores are not required to take these courses.

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 To request information, contact the Learner Support Center at info@fccj.edu or 904.646.2300.

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