INDUSTRIAL MAINTENANCE TECHNOLOGY (Short-Term Certificate)

Program Purpose

The Industrial Maintenance Technology program aims to provide accessible, premium-quality educational opportunities that will provide individuals with the knowledge, technical skills, values, and attitudes necessary to obtain entry-level employment in the business and industry sectors seeking industrial maintenance employees. Industrial Maintenance prepares students with the skills demanded for multi-craft positions. The program is designed to provide detailed knowledge of several technical subjects and prepare students to apply this knowledge in the industrial environment to preserve and maintain industrial systems. Providing an available labor pool to the industry in Region 7 is a priority. Program completers are to be competent in the technical areas of electronics circuit repair, industrial electrical wiring, industrial motor controls, hydraulics and pneumatics, measurements, and technical drawing. Reid State Community College will accomplish program objectives by providing students with a comprehensive general education and technical training in the core area of industrial maintenance. The occupational skill preparation should meet recognized skill standards. The college will ensure program quality through internal certification of graduate competencies. The Industrial Maintenance Technology program's philosophy and purpose are consistent with that of the governinginstitution.

Occupational Data

Graduates of the Industrial Maintenance Technology program work in the industrial maintenance setting where they use their skills grouped under the classification of industrial maintenance/technician personnel. According to the U.S Bureau of Labor Statistics Occupational Employment and Wages, the national median wage for industrial maintenance/technician personnel was $29.32/hr. in 2022.

Program Outcome Objectives

- Program graduates will be proficient in communication, computation, and interpersonal skills.
- Program graduates will be technically proficient.
- Program graduates will be able to obtain industry certification.
- Program graduates will be successfully employed in the field.
- Employers of program graduates will be satisfied with their education and training.

Admission Requirements

Applicants to this program must complete the application procedures and be 16 years of age. Additionally, applicants must present official documentation of a high school diploma, in accordance with ACCS Board of Trustees Policy, or GED.

Industrial Maintenance Technology, Short-Term Certificate

MINIMUM CREDITS REQUIRED: 28 Semester Credit Hours

GENERAL EDUCATION CORE: 1 Semester Credit Hour			Theory	Lab	Contact	Credit
ORT	100	Orientation	1	0	1	1
TECHNICAL CONCENTRATION: 28 Semester Credit Hours						
INT	101	DC Fundamentals	2	1	5	3
INT	103	AC Fundamentals	2	1	5	3

GENERAL EDUCATION CORE: 1 Semester Credit Hour			Theory	Lab	Contact	Credit
INT	113	Industrial Motor Control I	1	2	5	3
INT	117	Principles of Industrial Mechanics	2	1	4	3
INT	118	Fundamentals of Industrial Hydraulics and Pneumatics	2	1	4	3
INT	158	Industrial Wiring I	1	2	5	3
WKO	110	NCCER CORE	2	1	5	3
WKO	141	MSSC Safety Course	1	2	5	3
WKO	142	MSSC Quality Practices and Measurement Course	1	2	5	3

Length of Program: 2 Semesters of full-time attendance