



INDUSTRIAL MAINTENANCE/MILLWRIGHT TECHNOLOGY

Short Term Certificate – STC IE6

Program Location: Gilberttown and Thomasville Campuses

Length: Two Semesters

The Industrial Maintenance/Millwright Technology program is designed to help students exit the program with hands-on skills and knowledge recognized by industry partners as the key competencies to succeed in the field of industrial maintenance and/or millwright positions.

This is a career program designed for students to go directly into the labor market upon completion. Although some of the courses in this program will transfer to four-year institutions, this program is not designed to be a transfer program of study; therefore, it is not subject to the terms and conditions of Alabama Transfers state transfer and articulation reporting system.

AREA V: Pre-Professional, Major, and Elective Courses			
IET 114 – Basic Electricity	3		
IET 131 – Fluid Power Systems	3		
INT 132 – Preventative and Predictive Maintenance	3		
INT 106 – Elements of Industrial Mechanics	3		
INT 161 - Blueprint Reading for Industrial Technician	3		
INT 117 – Principles of Industrial Mechanics	3		
INT 127 – Principles of Industrial Pumps and Piping Systems	3		
WKO 110 – NCCER Core	3		
Industrial Maintenance/Millwright STC Elective: Choose one of the following. <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; padding: 5px;"> ELT 131 – Wiring I Commercial and Industrial ELT 231 – Intro to Programmable Controllers ILT 114 – Instrumentation Operation and Calibration ILT 166 – Motors and Transformers I ILT 214 – Control and Troubleshooting Flow, Level, Temperature, Pressure and Level Processes ILT 180 – Special Topics IET 122 – Rotating Machinery and Controls INT 222 – Special Topics </td> <td style="width: 50%; padding: 5px;"> INT 232 – Manufacturing Plant Utilities INT 291 – Cooperative Education PCT 120 – Pulp Manufacturing Technology PCT 122 – Introduction to Process Technology PCT 135 – Paper Manufacturing Technology PCT 210 – Environmental Control Technology PCT 221 – Unit Operations PCT 222 – Unit Maintenance PCT 231 – Statistical Process Control WKO 106 – Workplace Skills </td> </tr> </table>	ELT 131 – Wiring I Commercial and Industrial ELT 231 – Intro to Programmable Controllers ILT 114 – Instrumentation Operation and Calibration ILT 166 – Motors and Transformers I ILT 214 – Control and Troubleshooting Flow, Level, Temperature, Pressure and Level Processes ILT 180 – Special Topics IET 122 – Rotating Machinery and Controls INT 222 – Special Topics	INT 232 – Manufacturing Plant Utilities INT 291 – Cooperative Education PCT 120 – Pulp Manufacturing Technology PCT 122 – Introduction to Process Technology PCT 135 – Paper Manufacturing Technology PCT 210 – Environmental Control Technology PCT 221 – Unit Operations PCT 222 – Unit Maintenance PCT 231 – Statistical Process Control WKO 106 – Workplace Skills	3
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Total Hours	27 SH		