

## Millwright

*April, 2016 Update*

The Millwright program is a key program in the manufacturing center curriculum with the Central Louisiana Technical Community College. Career opportunities in the field of Millwright exist in manufacturing businesses throughout Central Louisiana and include maintenance technicians, oilfield technicians, multi-craft technicians, shift maintenance technicians, maintenance supervisors, maintenance schedulers and planners, maintenance managers and design technicians. Companies that employ millwright trained technicians include essentially all manufacturing facilities as well as hospitals, universities and nursing homes. The pay for trained technicians range from entry level positions at \$30,000 to over \$60,000 for experienced technicians.

### Full Time Student Program

The Millwright curriculum is a three semester course of study. Students completing the Semester 1 (summer) course of study receive their Certification for Manufacturing (C4M) certificate. Students that have already obtained the C4M credential are eligible to move directly into the second semester course of study.

#### Semester 1 (Summer) Course of Study

ORNT 1000 – Freshman Seminar

IMFG 1100 – Introduction to Manufacturing

IMFG 1120 – Tools and Equipment Used in Manufacturing

IMFG 1200 – Automation

IMFG 1300 – Introduction to Fabrication, Process Technology and Machining

Students enrolled in Semester 2 (fall) course of study are required to apply for work internships. Work internship eligibility will be based on internship availability, academic achievement, course attendance and participation and technical competence.

#### Semester 2 (Fall) Millwright Course of Study

Jobs 2500 – Critical Skills in the Workplace

IMFG 1320 – Millwright I

IMFG 1321 – Millwright I Lab

IMFG 1420 – Millwright II

IMFG 1421 – Millwright II Lab

IMFG 1130 – Pneumatics Applications

Work internships will occur during Semester 3 (spring) course of study. These internships provide a source of income for the students while applying Millwright technical learnings to the manufacturing workplace.

#### Semester 3 (Spring) Millwright Course of Study

IMFG 1325 – Pipefitting

IMFG 1140 – Hydraulics Applications

IMFG 1210 – Material Handling

IMFG 1315 – Welding

Elective

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