

# MAINTENANCE (MNT)

---

## **MNT 135 - Plumbing Systems Maintenance (3 Credits)**

*2 lecture, 3 lab, 5 total contact hours*

Covers maintaining plumbing systems in a factory, plant or other industrial or commercial site. Describes the structure and function of on-site plumbing systems (water supply, sanitary waste, and storm water) and explains how the major fixtures in these systems work. Covers troubleshooting of common plumbing problems.

**Typically offered:** Fall

## **MNT 228 - Small Equipment Maintenance (2 Credits)**

*1 lecture, 2 lab, 3 total contact hours*

Trains students in small engine and equipment repair. Students will demonstrate the ability to repair small engines such as those found in lawn, garden and construction equipment. Emphasis is placed on overhaul, repair, adjustment and troubleshooting.

**Typically offered:** Spring

## **MNT 235 - Maintenance Troubleshooting Skills (3 Credits)**

*2 lecture, 2 lab, 4 total contact hours*

Covers methods of system analysis using schematics, circuit diagrams and installation drawings. Develops troubleshooting diagnostics for control, electrical and mechanical systems based on problem reduction through fault tree analysis.

**Typically offered:** Fall

## **MNT 255 - Belts/Bearings and Mechanical Drives (2 Credits)**

*1 lecture, 2 lab, 3 total contact hours*

Covers a practical knowledge of machine elements and power transmission with emphasis on belts, bearings and mechanical drive systems. Provides knowledge in system maintenance, lubrication and power efficiencies.

**Typically offered:** Summer

## **MNT 281 - Topics in Maintenance Technology (1-6 Credits)**

*1 - 6 lecture, 0 - 3 lab, 1 - 9 total contact hours*

Examines selected problems or topics in Maintenance Technology. The specific course content and instructional methodology will vary each semester offered depending on the material presented. A syllabus containing specific topic information will be available in the division office with pre-preregistration materials each time the course is offered. This course may be repeated to a maximum of 6 credit hours.