

**Western Dakota Technical Institute  
800 Mickelson Drive  
Rapid City, SD 57703-4018**

**Master Syllabus**

**Course Number:** PLU 180  
**Course Name:** Plumbing Fixtures & Repair  
**Credits:** 2  
**Contact Hours:** 2 Lecture

**Course Description:** Students will create and write up work orders keeping track of materials and time and, summarizing what they repair. Students will leave the course able to recognize plumbing fixtures and differentiate residential and commercial applications. Basic service principles and troubleshooting will be discussed.

**Prerequisites:** PLU 150

**Corequisites:** PLU 185

**Textbooks:** <http://bookstore.wdt.edu/>

**Materials:** None

**Student Learning Outcomes:**

- Understand the necessity of record keeping.
- Create work orders, documenting time, materials, findings, and resolutions.
- Recognize plumbing fixtures differentiating between residential and commercial applications.
- Identify common service issues and how to repair them.

**Assessment:** Analytical skills, communication skills, employability, and social values will be assessed throughout this course.

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