

## PWST2304 - Motorcycles I

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| Credits:           | 3 (1/2/0)  |
| Description:       | This course focuses on various types of four-cycle motorcycle and ATV engines. Students will learn engine service and maintenance procedures. Students will also learn about motorcycle fuel systems and related components.   |
| Prerequisites:     |  |
| Corequisites:      |  |
| Pre/Corequisites*: |  |
| Competencies:      | <ol style="list-style-type: none"><li>1. Exhibit professionalism.</li><li>2. Identify tools used for engine service.</li><li>3. Understand the different engine configurations found on motorcycles and ATVs.</li><li>4. Perform top-end engine service.</li><li>5. Perform transmission and lower engine service.</li><li>6. Perform camshaft timing on different engine configurations.</li><li>7. Perform valve adjustments on multiple styles of valve trains.</li><li>8. Troubleshoot engine problems.</li><li>9. Locate and estimate parts costs.</li><li>10. Identify the types of fuel systems use on motorcycles and ATVs.</li><li>11. Perform tune up procedures on engines.</li><li>12. Identify clutch system and components service procedures.</li></ol> |
| MnTC goal areas:   | None   |

\*Can be taking as a Prerequisite or Corequisite.