MOTORCYCLE DRIVETRAIN SERVICE
Course Syllabus

Course Number: MOTO-0354
OCAS Code: None
Course Length: 45 Hours
Career Cluster: Transportation, Distribution, and Logistics
Career Pathway: Facility and Mobile Equipment Maintenance
Career Major(s): Motorcycle and Watercraft Technician

Pre-requisite(s):

Course Description: The Motorcycle Drivetrain Service course provides students with the fundamentals of operation, inspection, adjustment, and repair procedures for modern motorcycle drivetrains. Hands-on exercises require the students to apply classroom theory in the lab.


Course Objectives:

A. Inspect and Service Drivetrain ¹
   1. Inspect and adjust primary chain ¹
   2. Gear drive ¹

B. Service Drive Train Components.
   1. Inspect and replace drive chain ³
   2. Inspect and replace belts ³
   3. Inspect and replace sprockets ³

C. Inspect and Repair Transmission and Clutch. ²

¹ ODCTE, Motorcycle Technician Skills Standards, Duty B
² ODCTE, Motorcycle Technician Skills Standards, Duty E
³ ODCTE, Motorcycle Technician Skills Standards, Duty F

Teaching Methods: The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.
Grading Procedures: 1. Students are graded on theory and shop practice and performance.
2. Each course must be passed with seventy (70%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.

Description of Classroom, Laboratories, and Equipment: Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit: The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee, Rogers State University or Tulsa Community College. See program counselor for additional information.

College Credit Eligibility: The student must maintain a grade point average of 2.0 or better.