WATERCRAFT TECHNICIAN PREVENTATIVE MAINTENANCE AND SERVICE
Course Syllabus

Course Number: MOTO-1891  
OHLAP Credit: No
OCAS Code: None  
Course Length: 10 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: Student will learn about the importance of preventative maintenance operations on personal watercraft. This will include fuel system service, lubrication procedures of component parts, structural component inspection, drive selector service and winter storage procedures.


Course Objectives:

A. Perform Preventative Maintenance on Modern Watercraft
   1. Discuss procedures included in preventative maintenance.
   2. Perform preventative maintenance for watercraft.
   3. Troubleshoot a no-start engine complaint and diagnose need.
   4. Inspect and service drive system.
   5. Inspect brake wear and operation.
   6. Inspect electrical components.
   7. Inspect and adjust carburetor.
   8. Change engine oil, filter and service all fluids.
   9. Remove, lubricate, and replace control cables.
  10. Uncrate a new watercraft and prepare it for assembly.
  11. Assemble new watercraft.
  12. Prepare a new watercraft for delivery.
  13. Detail a watercraft.

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.
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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.