Powersports Technology

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# Lake Career & Technical Center

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Camdenton, MO 65020

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Instructor- Mr. Tim Keeney

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**Power Sports Technology**

Instructor -  Mr. [Tim Keeney](http://camdentonschools.schoolwires.net/site/Default.aspx?PageID=2093)

Power Sports Technology will emphasize Personal Watercraft (PWC), all terrain vehicle (ATV), and motorcycle repair procedures. This course will cover basic two-stroke and four-stroke engine repair, propulsion repair, drive train repair, suspension repair, and braking repair for each type of equipment.

Instruction will focus on classroom theory, related technical communication, and math, along with projects including "live work" as hands-on projects. Students will also receive instruction in the employment process, including the proper completion of applications, and the preparation of personal resumes.

Leadership and competition opportunities will be made available through various community service projects and job-related contests as provided through the LCTC SkillsUSA Chapter. This class also includes the opportunity to pursue embedded math credit.

Powersports Technology Expectations

Each member of the class will follow the Lake Career & Technical Center Handbook rules. The handbook is the basis for all classes at the school. However, each program is different in the way that it operates; therefore, these are additional expectations.

1. Please respect all individuals in the classroom.
2. Please follow directions the first time they are given.
3. Students should take notes during lecture and actively participate in class discussions.
4. As a responsible student, you are expected to finish any project that you begin.
5. Please raise your hand to be recognized in class before speaking during instructional and test time.
6. Safety glasses must be worn in the lab area at all times.
7. Only soft soled tennis shoes or work shoes can be allowed in the lab area.
8. As you are now young adults please act that way accordingly.
9. Please do not toss or throw objects to other students.
10. If you are absent from school, please contact me before or after school upon your return for any missed assignments.
11. Please return all tools and equipment to proper storage area when not in use.
12. Ask permission before leaving the classroom or lab area. (Hall pass required)
13. Please be courteous when working around other student’s tools or projects.
14. Sleeping in class is not permitted.
15. No electronic devices of any kind should be seen or heard.
16. Keep you hands and feet to yourself.
17. Keep paper and writing utensil in your locker.

**Power Standards**

**PST – Power Sports Technology**

1. Safety

PST1a Shop Safety

PST1b Tool/Equipment Safety

2. Engines

PST2a Two Cycle Engines

PST2b Four Cycle Engines

1. Electrical

PST3a Starting Systems

PST3b Charging Systems

PST3c Ignition Systems

PST3d Accessory Systems

1. Fuel Systems

PST4a Carburetors

PST4b Fuel Injection Systems

1. Specialized Procedures

PST5a Service Literature

PST5b Parts Lookup

1. Preventive Maintenance

PST6a Cooling Systems

PST6b Lubrication Systems

1. Drivetrain/Frame

PST7a Wheels/Tires

PST7b Brakes

PST7c Suspension/Steering

8. Pre-Employment

PE1a Application

PE1b Resume

9. AST - Power Standards Coding – **Work Ethics – Student Behaviors**

**WE1a** Pre-Test All Student Behaviors

**WE1a1** Post-Test Attitude

**WE1a2** Post-Test Attendance

**WE1a3** Post-Test Appearance

**WE1a4** Post-Test Ambition

**WE1a5** Post-Test Accountability

**WE1a6** Post-Test Acceptance

**WE1a7** Post-Test Appreciation

WE1b Student Organization Participation

1. Technical Math

TM1a Fractions

TM1b Measurements

TM1c Integers

TM1d Ratios