



## Sponsored by West Central Ohio Tech Prep and Rhodes State College

A FREE, three-day Engineering Camp designed to engage middle school students in real world, hands-on activities showing what the field of engineering is all about and highlighting engineering career opportunities- sponsored by West Central Ohio Tech Prep and Rhodes State College.

### What do you do at E-Camp?

- Spend three fun-filled days in June on the Rhodes State College Campus and meet other kids interested in science and technology.
- Try exciting hands-on activities like:
  - **Manufacturing Engineering Technology**  
Design, build and race your own dragster. It's not a car you ride in but a real one just the same. The race car drivers at Indianapolis, the mechanics at Daytona, the automotive designers in Detroit, Japan, Korea and Germany all had to start somewhere. They started small. Then as they learned and progressed they moved on to bigger and better things. The car that you will build is like a miniature rocket powered dragster. It really goes! Wow, does it ever!  
As you build your dragster, do not cut corners. It will have a better chance of looking good and going fast if you design and build it carefully. The final test will come when you race against others.
  - **Civil Engineering Technology**  
Engineer a "vehicle" that will safely transport a falling egg to a soft landing. This fun filled activity will require engineering along with a little creative thinking so the egg is not damaged. Miscellaneous supplies will be provided to "launch" the creative thinking.
  - **Geographical Information Systems**  
Experience a high-tech treasure hunting game played throughout the world by adventure seekers equipped with GPS devices. Students will try to locate hidden containers, called geocaches, outdoors and then share their experiences online.
  - **Electronics Engineering Technology**  
Design your own Wind Turbine and learn how to harness the energy of the wind.

### When/Who:

- **June 14, 15, & 16th** – for students entering seventh, eighth or ninth grades.

### Details:

- **FREE** to students because of the generous support from West Central Ohio Tech Prep and Rhodes State College
- Includes **lunch and t-shirt**
- Held in the **Engineering Technology Building** at Rhodes State College from **8 am to 2 pm Monday and Tuesday** and **8 am to 12:30 pm Wednesday\***- \*An open house will take place on Wednesday from 12:30 pm until 2 pm in the James J. Countryman building. Parents will be able to visit the labs used throughout camp. The Engineering instructors will be available for questions as well.
- Parents must provide transportation

### Contact:

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### Registration:

[www.techprepwohio.org](http://www.techprepwohio.org)