

Worthington Kilbourne High School

Engineering & Technology Education

Course Offerings 2017-18

Engineering & Technology Education:

WKHS offers a wide variety of courses designed to provide an interesting learning experience for “all” students through our Technology and Engineering Department. Students produce practical projects while learning lifelong skills (as well as enhancing your problem-solving and creative thinking abilities). In our rapidly changing world, the skills and experiences developed in these courses will be useful for the rest of your life. **DESIGN YOUR FUTURE!**

Almost ALL of the Tech Ed courses are available for College Credit. When making course selections, ask a few adults which courses they wish they had taken (or which they enjoyed the most and use often) and see if a few of the following aren't on their list!!!!

Course Offerings for ALL Students (freshmen as well as sophomores, juniors and seniors) - please consult pages 54-58 in your handbook for full descriptions:

| <u>COURSE TITLE</u> | <u>CREDITS</u> |
|---|----------------|
| Computer Aided Drafting & Design (CADD) | ½ |
| Multimedia Communications | ½ |
| Web Page Design | ½ |
| Introduction to Engineering Design - Project Lead the Way | 1 |

Course Offerings for Sophomores, Juniors and Seniors

It is recommended that interested students take the beginning level course as a freshmen and then complete the intermediate and advanced courses during their 10-12 grade years. In addition to the courses listed above, incoming freshmen may be looking towards the future when they are eligible to take some of the following courses during their sophomore - senior year:

| <u>COURSE TITLE</u> | <u>CREDITS</u> | <u>YEAR</u> |
|---|----------------|-------------|
| Beginning Photography/Digital Imaging | ½ | 10-12 |
| Advanced Photography/Digital Imaging | ½ | 10-12 |
| Advanced Multimedia Communications | ½ | 10-12 |
| Introduction to Engineering Design - Project Lead the Way | 1 | 9-12 |
| Principles of Engineering - Project Lead the Way | 1 | 10-12 |
| Digital Electronics - Project Lead the Way | 1 | 11-12 |
| Civil Engineering and Architecture - Project Lead the Way | 1 | 11-12 |
| Engineering Design & Development - Project Lead the Way | 1 | 12 |

CONTACT TEACHERS BELOW FOR FURTHER INFORMATION:

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 Mr. Ron Charlton - rcharlton@wscloud.org
 Mr. Todd Deisher - tdeisher@wscloud.org
 Mr. Tom Karns - tkarns@wscloud.org
 Mr. Randy Ross - rross@wscloud.org

(or call the High School Tech Department @ 614.450.6515)

Pathway to Engineering Industry Night on Feb. 6

On February 6 at 7:00 p.m. we will be hosting an informational session for interested students and parents regarding the Worthington STEM Program and specific questions you may have.

WORTHINGTON KILBOURNE HIGH SCHOOL

A Blue Ribbon School of Excellence

Tom Karns
 PLTW Instructor



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