

## ACTC Industrial Maintenance On-Campus Dual Credit

CTE Dual Credit Students must meet:

- o An ACT Composite Score of 16;
- o OR ACT Mathematics 16 AND ACT Reading 16;
- o OR any accepted equivalent from the KCTCS Assessment and Placement Policy;
- o OR a high school grade point average (GPA) of 2.5;
- o AND any course-specific requirements noted in the KCTCS course catalog. See below.

### Industrial Maintenance Dual Credit Opportunities 2020-2021 On Technology Drive Campus

These would be open to vetted seniors; limited seating is based on first come, first serve.

There will be \_\_6\_\_ spots available in the fall for students. These students could continue in the spring upon successful completion of fall courses.

**Class typically meets two mornings per week, 8:30-11:30.**

Must have reliable transportation and understand the class is on an ACTC schedule, not high school (different spring breaks, if ACTC is meeting but high school is out for weather students still have class at ACTC).

FPX 100 AND FPX 101	IMT 110 and IMT 111
<p><b>FPX 100 (3)</b> Fluid Power Includes fluid power theory, component identification and application, schematic reading, and basic calculations related to pneumatic and hydraulic systems and their operations.</p> <p><b>FPX 101 (2)</b> Lecture: Fluid Power Lab Provides practical experiences in the study of fluid power theory, hydraulics and pneumatics component identification, schematic reading, and basic calculations related to hydraulic and pneumatic systems and their operations.</p>	<p><b>IMT 110 (3)</b> Industrial Maintenance Electrical Principles Introduces the theory of electricity and magnetism and the relationship of voltage, current, resistance, and power in electrical circuits. Develops an understanding of alternating and direct current fundamentals. Applies formulas to analyze the operation of AC and DC circuits.</p> <p><b>IMT 111(2)</b> Industrial Maintenance Electrical Principles Lab Verifies knowledge of basic theory by making measurements in working AC and DC circuits. Provides for the construction of various types of circuits and the measurement of their parameters. Stresses the use of test equipment, safety, and troubleshooting.</p>

#### Vetted students must:

Indicate from prior academic performance the ability and willingness to handle completing work assignments outside of class time.

Exhibit excellent maturity, attendance, and punctuality.

Meet CTE placement requirements

For more information on this program, see <https://ashland.kctcs.edu/education-training/program-finder/industrial-maintenance.aspx>