ACTC Computerized Manufacturing and Machining 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.

## Computerized Manufacturing and Machining Dual Credit Opportunities 2020-2021

## On Technology Campus

These would be open to vetted **seniors only**; limited seating is based on a first come, first serve.
There will be 10 seats available in the fall for students. These students could continue in the spring upon successful completion of fall courses.
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).

**Classes meet four days per week, Monday-Thursday, in the morning, 8:00-10:40.**

| **Fall 2020 CMM 114** | **Spring 2021 CMM 134** |
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| . **Fundamentals of Machine Tools** Provides the skills and knowledge that is needed to progress through the machine tool program. Includes safety and bench work. Introduces the basic power equipment and machine tools that are used in the machine trades which include: drill presses, power saws, measurement instruments, mills and lathes. | **Manual Programm**ing CAD/CAM/CNC Introduces the student to CAD/CAM/CNC systems, CNC format, the Cartesian Coordinate System, CNC codes and programming, set-up and operation of CNC machine tool. Pre-requisite: ((CMM 110 and CMM 112) or CMM 114) with a grade of C or greater] or Consent of Instructor |

**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 about this program, see https://ashland.kctcs.edu/education-training/program-finder/computerized-manufacturing-machining.aspx