ACTC Computer Aided Design 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.

## Computer Aided Design Opportunities 2021-2022

## On Technology Campus

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

There will be 7 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).

| FALL 2021 and Spring 2022 / CAD 100 | Spring 2022 / CAD 120/220 |
|---|---|
| **Monday/Wednesdays, 9:00-11:30**<br><br>**Introduction to Computer Aided Design**<br><br>Applies fundamental principles and capabilities of CAD, basic drafting conventions, and operations. Provides an in-depth study of computer aided drafting commands, terminology, command utilization, and skill development. | **Tuesdays/Thursdays 9:00- Noon**<br>**These are biterm courses; 120 first half of semester, 220 second half of semester.**<br><br>**Introduction to Architecture**<br>Introduces a practical approach to architectural drafting using board and/or computer aided drafting methods as it relates to residential and commercial architecture, specifications, and structural systems including wood, masonry, concrete, and steel. Pre-requisite: CAD 100 OR CAD 103 with a grade of C or better or approval of the Instructor.<br><br>**Architectural Design**<br>Applies the theory of architectural design and presentation techniques. Deals with site selection, use of materials in design, spatial relationships, and aesthetics. Explores traditional and contemporary design, designers, processes, and historical milestones. Uses board and computer techniques to illustrate interiors and exteriors of student designs. Pre-requisite: CAD 120 with a grade of C or better or approval 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.