

FACT SHEET TEMPLATE

NAME OF PROGRAM Computer Aided Drafting and Design LOCATION Leestown

DATE FORM COMPLETED 9/24/2007

PROGRAM DESCRIPTION: A computer aided drafter and designer is a technical specialist with broad-based skills for architectural, civil, mechanical, and manufacturing fields. In this program, the students are taught manual drafting techniques and 2D and 3D CAD. Specific skills taught include, but are not limited to, lettering, geometric construction, orthographic projections, dimensioning and tolerancing, and related technical processes. These skills are required to transform specifications and instructions of architects, designers, and engineers into complete and precise drawings. The drafter is a skilled technician with a thorough understanding of the graphic language and is an indispensable contributor to the engineering design team. Progression in the Computer Aided Drafting and Design program is contingent upon achievement of a grade of "C" or greater in each technical and mathematics course with maintenance of a 2.0 cumulative grade point average or above (on a 4 scale).

ASSISTANT DEAN Michael McMillen

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COORDINATOR Paul Meadors

OFFICE BLDG & # M-142 E-MAIL paul.meadors@kctcs.edu PHONE (859) – 246-6772

PROGRAM ENROLLS STUDENTS: SPRING, FALL or **BOTH** (Please underline)

Can start Gen Ed in Spring

Faculty wishes to be contacted via phone or **e-mail** or both (Please underline)

Specific office hours and days that faculty will meet with students to advise and enroll (see schedule on door).

Information for summer advising for coordinators

Email William Franklin William.Franklin@kctcs.edu to make an appointment

Can the college contact you via **e-mail** or phone? Yes No

Will you reply to students' **e-mails** or phone calls? Yes No

Are there specific courses the student can take for your program that they can be enrolled in for the summer or fall semester if you can not be reached? Please list.

1. MA 109 or, if scores are not met, classes required to lead into that class
2. CIT 105
3. DFT 102 Drafting Fundamentals

4. DFT 112 Engineering Graphics

List pertinent information for the program that may be helpful for students? Please provide below.

Individuals planning careers in drafting should take courses in mathematics, science, computer technology, design, and computer graphics. Mechanical ability and visual aptitude are important. Prospective drafters should be able to perform detailed work accurately and neatly. Artistic ability is helpful in some specialized fields, as is knowledge of manufacturing and construction methods but not required. In addition, prospective drafters should have good interpersonal skills because they work closely with engineers, surveyors, architects, and other professionals and, sometimes, with customers.