

**DEKALB TECHNICAL COLLEGE**  
*Clarkston Campus and Covington Campus*

**DRAFTING**  
**TECHNICAL CERTIFICATES OF CREDIT**

The Drafting Assistant TCC will prepare students for employment in Drafting Industry. The training in this certificate prepares the student to draw and dimension orthographic drawings. The students learn board drawing techniques and 2D CAD drawing. The purpose of the Drafting Assistant TCC is to prepare skilled employees to meet industry demand for draftsmen in Georgia.

**DRAFTING ASSISTANT**

<u>Course Number</u>	<u>Course</u>	<u>Class Hours</u>	<u>Lab Hours</u>	<u>Total Hours</u>	<u>Credit Hours</u>	<u>Prerequisites/Corequisites</u>
DDF 101	Introduction to Drafting		20	80	100	6
DDF 102	Size and Shape Description I	10	90	100	5	DDF 101
DDF 107	Introduction to CAD	<u>20</u>	<u>80</u>	<u>100</u>	<u>6</u>	DDF 102, SCT 100
<b>TOTAL</b>		<b>50</b>	<b>250</b>	<b>300</b>	<b>17</b>	

**CIP CODE:** 15.130101      **MAJOR CODE:** DRA1      **REQUIRED CREDIT HOURS:** 17      **10/07**

The curriculum is subject to change to meet changing conditions. As set forth in its catalog, DeKalb Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law).

**COURSE DESCRIPTIONS**

**DDF 101 - INTRODUCTION TO DRAFTING (6)**  
 Emphasizes the development of fundamental drafting techniques. Topics include: safety practices, terminology, care and use of drafting equipment, lettering, line relationships, and geometric construction.

**DDF 107 - INTRODUCTION TO CAD (6)**  
 Prerequisites/Corequisites: DDF 101, DDF 102, SCT 100  
 Introduces basic concepts, terminology, and techniques necessary for CAD applications. Topics include: terminology, CAD commands, basic entities, and basic CAD applications.

**DDF 102 - SIZE AND SHAPE DESCRIPTION I (5)**  
 Prerequisite/Corequisite: DDF 101  
 Provides multi-view and dimensioning techniques necessary to develop views that completely describe machine parts for manufacture. Topics include: multi-view drawing, basic dimensioning practices, tolerances and fits, sketching, and precision measurement.

**ESTIMATED PROGRAM COSTS**

**DRAFTING ASSISTANT**

Tuition/Fees.....	\$1,060.00
Books/Supplies.....	\$125.00
<b>Total*</b> .....	<b>\$1,185.00</b>

\*Based on two quarters

Tuition/fees and cost of books/supplies are estimates only and are subject to change without notice. Tuition is based on Georgia residency.

10/07