

# Curriculum Guide

## Design Drafting (DRAFT)

DRAFT is a PROGRAM within the TECHNOLOGY STUDIES DEPARTMENT

### Electronic

(See "Mechanical" on next page)

The starred (\*) courses are offered in the spring, 2009 semester

Core Curriculum Courses		Units
*DRAFT 022	Descriptive Geometry	3.0
*TECH 020	Technical Drafting – Beginning	3.0
*DRAFT 051B	Technical Drafting – Intermediate	3.0
*DRAFT 051C	Technical Drafting – Advanced Generalization	3.0
*DRAFT 058A	Electronic Drafting	3.0
*DRAFT 058B	Electronic Drafting – Printed circuit Board Design	4.0
*DRAFT 058C	Electro/Mechanical Packaging Design	3.0
*DRAFT 058D	Surface Mount and Integrated Circuit Design Technology	3.0
*DRAFT 071A	Advanced CAD Applications – Electronic	3.0
*DRAFT 071B	CAD Applications - PCB	3.0
*DRAFT 092	Design Drafting Laboratory/Portfolio	2.0
Plus one of the following**		Units
*TECH 060	Basic Electronics	4.0
*DRAFT 055A	Illustration/3-D CAD	3.0
DRAFT 060	Dimensioning & Tolerancing	3.0
*DRAFT 072	CAD Applications - Electronics	3.0
TECH 25	Introduction to Materials Technology	2.0
<b>Total Program Requirements</b>		<b>30.0</b>

#### Comments

The **TECH** courses are also part of the Industrial Technology (IT) transfer degree program.

TECH 020 replaces DRAFT 051A and DRAFT 070

TECH 025 replaces DRAFT 103

TECH 031 replaces MFG 020

TECH 060 replaces CNET 052 and CNET 062

See [www.missioncollege.org/depts/tech\\_studies](http://www.missioncollege.org/depts/tech_studies) for a complete description of all the programs belonging to the new *Technology Studies* Department.

# Mechanical

(See “Electronic” on previous page)

The starred (\*) courses are offered in the spring, 2009 semester

Core Curriculum Courses		Units
*DRAFT 022	Descriptive Geometry	3.0
*TECH 020	Technical Drafting – Beginning	3.0
*DRAFT 051B	Technical Drafting – Intermediate	3.0
*DRAFT 051C	Technical Drafting – Advanced Generalization	3.0
*DRAFT 055A	Illustration/3-D CAD	3.0
*DRAFT 055B	Solid Modeling Illustration	3.0
*DRAFT 058C	Electro/Mechanical Packaging Design	3.0
DRAFT 060	Dimensioning & Tolerancing	3.0
*DRAFT 072	CAD Applications - Electronic	3.0
*DRAFT 092	Design Drafting Laboratory/Portfolio	2.0
TECH 25	Introduction to Materials Technology	2.0
<b>Plus one of the following**</b>		<b>Units</b>
*TECH 058A	Electronic Drafting	3.0
*ENGR 003	Science at Work	4.0
<b>Total Program Requirements</b>		<b>36.0 – 38.0</b>

## Comments

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TECH 020 replaces DRAFT 051A and DRAFT 070

TECH 025 replaces DRAFT 103

TECH 031 replaces MFG 020

See [www.missioncollege.org/depts/tech\\_studies](http://www.missioncollege.org/depts/tech_studies) for a complete description of all the programs belonging to the new *Technology Studies* Department.