

MODEL SCHEDULE

Drafting/Design Engineering Technology--1110

| FALL 1st YEAR | | | credits | SPRING 1st YEAR | | | credits | | |
|---------------|------|----------------------------------|---------|-----------------|--------|-----------|---|---|----|
| MATH | 1101 | <i>Applied Technical Math I</i> | * | 3 | MATH | 1102 | <i>Applied Technical Math II</i> | * | 3 |
| DRFT | 1100 | <i>Engineering Graphics</i> | | 3 | DRFT | 2235 | <i>Technical Drafting</i> | * | 3 |
| DRFT | 2200 | <i>Fundamentals of CAD</i> | | 3 | ENGL | 1109 | <i>Technical Report Writing</i> | * | 3 |
| ENGL | 1104 | <i>Written English I</i> | * | 3 | INFO | 1100 | <i>Computer Concepts & Appls.</i> | | 3 |
| MANF | 1100 | <i>Materials & Processes</i> | | 3 | -OR- | | | | |
| | | | | | COMP | 1101 | <i>Concepts of Computing</i> | | 3 |
| | | | | | COMM | 2202/2200 | <i>Intro. to Comm. in World of World or Intro. to Human Comm.</i> | * | 3 |
| TOTAL: | | | | 15 | TOTAL: | | | | 15 |
| FALL 2nd YEAR | | | credits | SPRING 2nd YEAR | | | credits | | |
| PHYS | 1101 | <i>Intro. to Physics I</i> | * | 4 | PHYS | 1102 | <i>Intro. to Physics II</i> | * | 4 |
| DRFT | 2205 | <i>Intro. to Solid Modeling</i> | * | 3 | TECH | 2290 | <i>Engineering Analysis I</i> | * | 4 |
| DRFT | 2225 | <i>Descriptive Geometry</i> | * | 3 | DRFT | 2245 | <i>Architectural Design</i> | * | 3 |
| ECON | 2200 | <i>Economics</i> | | 3 | DRFT | 2255 | <i>Tool Design (capstone course)</i> | * | 4 |
| DRFT | 2215 | <i>Architectural Drafting</i> | * | 4 | TECH | Elective | <i>(See choices below)</i> | | 3 |
| TOTAL: | | | | 17 | TOTAL: | | | | 18 |

TOTAL: 65

**** NOTE:** Students will be required to take a WorkKeys exam in order to graduate with the A.A.S. degree. Contact your advisor for details.

This model schedule is designed to be used in conjunction with the Fairmont State University/Pierpont Community & Technical College catalog.

* Refer to course descriptions for prerequisite details

Choose from the following TECH electives:

CIVL 2200
CIVL 2275
MECH 1100

Intro. to Surveying
Civil Engineering Graphics
Statics