

# DRAFTING (DRFT)

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## **DRFT 1103, Introduction to Drafting (3 Credit Hours)**

*3 lecture hours per week, 0 lab hours per week, 3 contact hours per week*

This course provides a comprehensive approach to classroom instruction in the field of drafting. It provides in-depth coverage of the principles of computer-aided drafting (CAD) and its development from traditional manual drafting techniques. This course may not be transferable to a University for use towards a 4-year degree program.

**Corequisite(s):** CADD 1104

## **DRFT 1113, Print Reading (3 Credit Hours)**

*0 lecture hours per week, 3 lab hours per week, 3 contact hours per week*

This course provides classroom instruction in reading industrial prints. It is designed to provide technical students with the fundamentals of industrial print contents, including drawing types, title blocks, tables, schedules, and symbols. This course may not be transferable to a University for use towards a 4-year degree program.

## **DRFT 1203, Intro To Disciplines (3 Credit Hours)**

*2 lecture hours per week, 2 lab hours per week, 4 contact hours per week*

This is a survey course designed to expose the student to the various major drafting disciplines of architectural, electrical & instrumentation, civil, structural, mechanical, and piping. This course may not be transferable to a University for use towards a 4-year degree program.

**Prerequisite(s):** ((DRFT 1103 or 1000) and (CADD 1104 or 1100)) or (CADD 1200 and PRNT 1000).

**Corequisite(s):** CADD 1204

## **DRFT 1300, Introduction To Disciplines I (4 Credit Hours)**

*3 lecture hours per week, 1 lab hours per week, 4 contact hours per week*

This is a survey course designed to expose the student to the various major drafting disciplines of architectural, electrical & instrumentation, civil, structural, mechanical, and piping.

**Prerequisite(s):** CADD 1200\* and PRNT 1000\*.

\* May be taken concurrently.

## **DRFT 1500, Advanced Drafting & Discipline (4 Credit Hours)**

*1 lecture hours per week, 3 lab hours per week, 4 contact hours per week*

This "Capstone" course allows the student to choose a focus drafting discipline from which a project will be designed, documented and drafted.

**Prerequisite(s):** DRFT 1300\*, PTEC 1630\*, 1631\* and CADD 1300\*.

\* May be taken concurrently.

## **DRFT 2103, Pipe Drafting (3 Credit Hours)**

*3 lecture hours per week, 0 lab hours per week, 3 contact hours per week*

This course focuses on the principles and terminology of pipe drafting. From basic terminology to mechanical equipment and their uses, to pipes, materials and specifications, to isos, the various elements of pipe drafting are explored. This course may not be transferable to a University for use towards a 4-year degree program.

**Prerequisite(s):** ((DRFT 1203 or 1300) and (CADD 1104 or 1100)) or (CADD 1300, DRFT 1300, PTEC 1630 or 1631).

**Corequisite(s):** CADD 2104

## **DRFT 2913, Drafting Internship (3 Credit Hours)**

*0 lecture hours per week, 9 lab hours per week, 9 contact hours per week*

Drafting Internship is designed for students that obtain an approved external internship with a company. This course may not be transferable to a University for use towards a 4-year degree program.