

# DRAFTING AND GRAPHICS TECHNOLOGY - CERTIFICATE OF COMPLETION

Office: Room 121A, Martinez Hall, 2nd Floor

The Drafting & Graphics Technology Program with Computer-Aided Design (CAD) is a comprehensive educational initiative designed to equip students with the essential skills and knowledge required for a successful career in the dynamic fields of drafting, design, and graphics. This program integrates traditional drafting principles with cutting-edge CAD technology to empower students with the tools needed to thrive in industries such as architecture, engineering, manufacturing, and more.

## 30 credits

This program provides students with the education and experience needed to pursue an entry-level drafting or computer graphics position. The program includes Architectural, Civil, Mechanical and Electronics Drafting. Classes developing 3-D animated graphics used by architects, designers for simulation, lawyers for accident reconstruction, executives for presentations, and business for training videos are included.

Prefix	Title	Credits
<b>Requirements</b>		
DRFT 109	Computer Drafting Fundamentals	3
DRFT 114	Introduction to Solid Modeling	3
DRFT 135	Electronics Drafting I	3
DRFT 143	Civil Drafting Fundamentals	3
DRFT 151	Construction Principles and Print Reading	3
DRFT 180	Residential Drafting	3
DRFT 181	Commercial Drafting	3
DRFT 242	Roadway Development Drafting	3
DRFT 276	Computer Rendering and Animation I	3
OETS 118	Mathematics for Technicians	3
<b>Total Credits</b>		<b>30</b>

## A Suggested Plan of Study

### First Year

Fall		Credits
DRFT 109	Computer Drafting Fundamentals	3
DRFT 143	Civil Drafting Fundamentals	3
DRFT 114	Introduction to Solid Modeling	3
DRFT 276	Computer Rendering and Animation I	3
OETS 118	Mathematics for Technicians	3
<b>Credits</b>		<b>15</b>
Spring		Credits
DRFT 135	Electronics Drafting I	3
DRFT 151	Construction Principles and Print Reading	3
DRFT 180	Residential Drafting	3
DRFT 181	Commercial Drafting	3
DRFT 242	Roadway Development Drafting	3
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>30</b>

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