Industrial Design AS

**Program Learning Outcomes**

1. Work within a team of diverse industry professionals to establish and meet design criteria.
2. Use advanced consumer research techniques to better understand human-centered design.
3. Design a product using two-dimensional and three-dimensional computer software.
4. Develop detailed technical drawings of a product.
5. Determine the most efficient and responsible manufacturing method for the product.
6. Prototype an object from a given technical drawing or three-dimensional CAD model.
7. Design and prototype mechanical parts in collaborating with engineers.
8. Use computer integrated manufacturing (CIM) and computer numerical control (CNC) software for automation of manufacturing.

**Entry**

**Required**

- ARCHI 135 Digital Tools for Design
- ART 105 Drawing I
- ENGTC 126 Computer Aided Design and Drafting AutoCAD
- IDSGN 105 Assembly and Fabrication Workshop
- IDSGN 121 Industrial and Product Design Foundations

**Take at least 3 units from:**

- ENGTC 165 Manufacturing Processes: Material Machining I
- ENGTC 168 Introduction to Computer Numerical Control
- IDSGN 107 Furniture Design Studio
- IDSGN 220 Soft Goods Product Design Studio
- IDSGN 221 Transportation Design Studio
- IDSGN 107 Furniture Design Studio

**Careers in**

- Recording
- Marketing
- Distribution

You need to see a Counselor for specific recommendations about courses that will best meet your educational goals. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details.

For information about transferring, see: https://www.dvc.edu/enrollment/transfer/index.html

For information on careers in this field see: https://www.dvc.edu/enrollment/career-employment/index.html