

# PRODUCT DESIGN – ASSOCIATE IN SCIENCE DEGREE, CERTIFICATE OF ACHIEVEMENT

Top Code:

1013.00

The program prepares students with a portfolio to enter the product design profession as an entry-level designer. The courses develop a broad range of skills to seek employment in such diverse industries as product, transportation, environmental, entertainment and apparel/accessories design. Projects emphasize creativity, function, environmental, and social concerns.

Portfolios can also be used for transfer application to four-year and graduate programs.

A Certificate of Achievement is awarded upon successful completion of all required courses with a grade of C or better.

## Program Outcomes

- Understand the innovative purpose of the product design profession and its integral role in the business world.
- Create hands-on projects that demonstrate product design processes which include problem definition, research, concept development and refinement, and final presentation.
- Analyze, evaluate and improve designs through the critique process.

## Requirements for the Certificate of Achievement

| Code                         | Title  | Units |
|------------------------------|--|-------|
| <b>Semester I</b>            |  |       |
| ART 015                      | SKETCHING FOR DESIGN                           | 3     |
| ART 016                      | PERSPECTIVE                                    | 3     |
| ART 031A                     | COLOR AND COMPOSITION-TWO DIMENSIONAL DESIGN   | 3     |
| DT 008A                      | INTRODUCTION TO DIGITAL DESIGN AND FABRICATION | 3     |
| <b>Semester II</b>           |  |       |
| ART 018                      | RENDERING                                      | 3     |
| ART 033A                     | PRODUCT DESIGN APPLICATION I                   | 3     |
| DMA 020A                     | GRAPHIC DESIGN I                               | 3     |
| <b>Semester III</b>          |  |       |
| ART 033B                     | PRODUCT DESIGN APPLICATION II                  | 3     |
| ART 036A                     | JEWELRY/METAL FABRICATION                      | 3     |
| <b>Semester IV</b>           |  |       |
| ART 033C                     | PRODUCT DESIGN APPLICATION III                 | 3     |
| Select one of the following: |  | 3     |
| ART 025                      | BEGINNING SCULPTURE                            |       |

|                    |                |           |
|--------------------|----------------|-----------|
| ART 038A           | CERAMICS       |           |
| FASH 001A          | FASHION SURVEY |           |
| <b>Total Units</b> |                | <b>33</b> |

## Recommended Electives

| Code      | Title   | Units |
|-----------|---|-------|
| ART 001A  | HISTORY OF WESTERN ART - PREHISTORIC THROUGH MEDIEVAL | 3     |
| ART 004D  | HISTORY OF MODERN ART                                 | 3     |
| ART 011A  | FOUNDATION DRAWING                                    | 3     |
| ART 026   | SCULPTURE   | 3     |
| ART 031A  | COLOR AND COMPOSITION-TWO DIMENSIONAL DESIGN          | 3     |
| ART 034A  | APPLIED DESIGN I - MATERIALS AND PROCESSES            | 3     |
| ART 034B  | APPLIED DESIGN II- MATERIALS AND PROCESSES            | 3     |
| ART 036B  | JEWELRY/METAL FABRICATION                             | 3     |
| ART 036C  | JEWELRY CASTING                                       | 3     |
| ART 038B  | CERAMICS  | 3     |
| ART 038C  | CERAMICS  | 3     |
| ART 118   | ADVANCED RENDERING                                    | 3     |
| BUS 002   | PERSONAL FINANCE                                      | 3     |
| BUS 009   | INTRODUCTION TO BUSINESS                              | 3     |
| BUS 010   | INTRODUCTION TO MANAGEMENT                            | 3     |
| BUS 011A  | BUSINESS COMMUNICATIONS                               | 3     |
| DMA 020B  | GRAPHIC DESIGN II                                     | 3     |
| DMA 020C  | GRAPHIC DESIGN III                                    | 3     |
| DT 008B   | INTERMEDIATE DIGITAL DESIGN AND FABRICATION           | 3     |
| DT 008C   | ADVANCED SYSTEMS DESIGN AND FABRICATION               | 4     |
| DT 118    | 3-DIMENSIONAL BUILDING DESIGN & REPRESENTATION        | 3     |
| ENGR 002  | ENGINEERING GRAPHICS                                  | 3     |
| MRKT 020  | PRINCIPLES OF MARKETING                               | 3     |
| PHOT 021  | INTRODUCTION TO BLACK AND WHITE PHOTOGRAPHY           | 3     |
| WELD 044A | INTRODUCTION TO GAS WELDING                           | 1     |

Visit the Program Mapper (<https://pasadena-city.programmapper.ws/academics/interest-clusters/569653cf-54a0-404a-870a-73a04dc48267/programs/2618c12d-3fb9-0074-e07d-ed30ad72df44/>) for a suggested sequence of courses.

## General Education Requirements for the Associate in Science Degree

- General Information (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/>)
- PCC Local Gen Ed (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#pcclocaltext>)
- CSU Breadth (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#csubreadthtext>)

- IGETC (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#igetctext>)