

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 |
|------------------------------|--|-------|
| Semester I | | |
| 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 |
| Semester II | | |
| ART 018 | RENDERING | 3 |
| ART 033A | PRODUCT DESIGN APPLICATION I | 3 |
| DMA 020A | GRAPHIC DESIGN I | 3 |
| Semester III | | |
| ART 033B | PRODUCT DESIGN APPLICATION II | 3 |
| ART 036A | JEWELRY/METAL FABRICATION I | 3 |
| Semester IV | | |
| ART 033C | PRODUCT DESIGN APPLICATION III | 3 |
| Select one of the following: | | 3 |
| ART 025 | BEGINNING SCULPTURE | |

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|--------------------|--------------------------|-----------|
| ART 038A | INTRODUCTION TO CERAMICS | |
| FASH 001A | FASHION SURVEY | |
| Total Units | | 33 |

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 II | 3 |
| ART 036C | JEWELRY CASTING | 3 |
| ART 038B | INTERMEDIATE CERAMICS | 3 |
| ART 038C | ADVANCED 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/#csubreadhtext>)
- IGETC (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#igetctext>)