

# CCD/MSU Denver - IND Degree Map - 120 Total Credit Hours

26-27

This guide accounts for prerequisites and the current portfolio requirement. The guide is for the advisor and the student to work out the student's specific needs. Transfer credits, the opportunity for summer and winterim classes, and course availability affect final schedules.

|                                   | 1                                                                                     | 2                                                                                         | 3                                                                          | 4                                                                      | Associate Degree Completion | 5                                                                                   | Portfolio Review                                                                                                              | 6                                                          | 7 | 8                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------|
| IND Required Courses (73 credits) | ART 1201 - 3<br>Drawing 1<br>Corresponding ART 1141                                   | ART 1002 - 3<br>2D Design<br>Corresponding ART 1101                                       | ART 1003 - 3<br>3D Design<br>Corresponding ART 1501                        | MTE 2310 - 3<br>Design for Manufacturability<br>Corresponding IND 2830 |                             | IND 2450 - 4<br>Beginning ID Studio<br><br>Gray: This is the Studio Sequence        | IND 3450 - 4<br>Intermediate ID Studio<br><br>Registration requires passing the portfolio review ( P )                        | IND 4450 - 4<br>Advanced ID Studio                         |   | IND 4460 - 4<br>Professional ID Studio                                                                                          |
|                                   | IND 1000 - 1<br>Introduction to Industrial Design                                     | IND 1100 - 3<br>Materials I: Materials & Fabrication                                      | IND 1300 - 3<br>Materials II: Materials & Fabrication                      | IND 2100 - 3<br>Digital Composition                                    |                             |                                                                                     |                                                                                                                               |                                                            |   |                                                                                                                                 |
|                                   | CAD 1101 - 3<br>Computer Aided Drafting<br>Corresponding IND 1450                     | IND 1470 - 3<br>Design Drawing Techniques                                                 | IND 3050 - 3<br>Advanced Sketching                                         |                                                                        |                             |                                                                                     | IND 3600 - 3<br>Digital Visualization in ID                                                                                   | IND 3800 - 4<br>Design for Marketability and Manufacturing |   | IND 4540 - 4<br>Concept & Portfolio Development                                                                                 |
|                                   | ART 1110 - 3<br>Art Appreciation<br><br>Corresponding ARTH 1500                       | ART1112 - 3<br>Art History - Renaissance to Modern<br><br>Corresponding ARTH 1700         |                                                                            |                                                                        |                             | IND 3480 - 3<br>Model Making                                                        | IND 3400 - 3<br>Product Usability and Ergonomics                                                                              | IND 2810 - 3<br>Design & Tech.: Global Perspectives        |   | IND 4960 - 3<br>Professional Internship<br><br>Prerequisite:<br>All General Studies course requirements completed, and IND 4450 |
|                                   |                                                                                       |                                                                                           |                                                                            |                                                                        |                             | IND 3660 - 3<br>Computer Aided Modeling                                             | IND 3950 - 3<br>History of ID                                                                                                 | IND Elective - 3                                           |   | IND Elective - 3                                                                                                                |
|                                   |                                                                                       |                                                                                           |                                                                            |                                                                        |                             |                                                                                     |                                                                                                                               |                                                            |   |                                                                                                                                 |
| CCD                               |                                                                                       |                                                                                           |                                                                            |                                                                        |                             |                                                                                     |                                                                                                                               |                                                            |   |                                                                                                                                 |
| General Studies (33 Credits)      | ENG 1021 - 3<br>English Comp. I<br><br>Corresponding MSU Denver Course - ENG 1010 - 3 | ENG 1022 - 3<br>English Comp. II<br><br>Corresponding MSU Denver Course - ENG 1020 - 3    | Natural & Physical Science - 3                                             | PHY 1105 - 3<br>Conceptual Physics                                     |                             | Oral Communication - 3<br><br>Recommended: COMM 1010                                | Social & Behavioral Science - 3<br><br>Recommended: COMM 3000 or ANT 2330                                                     |                                                            |   |                                                                                                                                 |
|                                   | PSY 1001 - 3<br>Intro Psychology                                                      |                                                                                           | MAT 1240 - 4<br>Math for Liberal Arts                                      | HIS 2110 - 3<br>African American History                               |                             |                                                                                     |                                                                                                                               |                                                            |   |                                                                                                                                 |
| IND Electives (14 Credits)        | IND 2000 - 3<br>Design Aesthetics                                                     | IND 3200 - 3<br>Bicycle Design & Fabrication<br><br>Prereq: IND1300, IND1450, and IND1470 | IND 3550 - 3<br>Textiles: Materials & Fab.<br><br>Prereq: IND1450, IND1470 | IND 4550 - 3<br>Advanced Textiles                                      |                             | IND 4210 - 3<br>Utilization of Composites in Manufacturing<br><br>Prereq.: IND 3100 | Consult with your advisor for additional IND elective courses.<br><br>A minimum of 6 credits are required from the IND track. |                                                            |   |                                                                                                                                 |
|                                   | * IND 3000 - 3<br>Design Thinking<br><br>† Social and Behavioral Science              | IND 3850 - 3<br>International Design Workshop<br><br>*Repeatable course                   | IND 3980 - (1-3)<br>Elec. Internship Exp.<br><br>Prereq: IND 2450          | IND 3330 - 3<br>Furniture Design<br><br>Prereq: IND 1300               |                             | IND 4410 - 3<br>Surface modeling for ID<br><br>Prereq.: IND 3660                    |                                                                                                                               |                                                            |   |                                                                                                                                 |
|                                   |                                                                                       |                                                                                           |                                                                            |                                                                        |                             |                                                                                     |                                                                                                                               |                                                            |   |                                                                                                                                 |