SECOND-YEAR PROGRESS EVALUATION GUIDELINES



DEPARTMENT OF INDUSTRIAL DESIGN

METROPOLITAN STATE UNIVERSITY OF DENVER

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WHAT IS A PORTFOLIO?

A portfolio is the collection of a designer's best work. A designer's portfolio is the primary media for securing a job, attracting clients and marketing themselves. You will update and improve your portfolio for the duration of your designing career. After your sophomore-level coursework is complete, you will submit a "second-year portfolio" so faculty can evaluate your preparation for upper-division coursework. Upon graduation you will leave with a portfolio to help you with your job search and the quality of that portfolio will dictate the quality of job you get. This is why the faculty places such a great deal of importance on the portfolio development of students.

WHY IS A PORTFOLIO REQUIRED MID-PROGRAM?

The second-year progress evaluation provides students with an opportunity to demonstrate, through their second-year portfolio, their ability to succeed in the IND major and in their future professional practice. The emphasis for this is on potential as indicated by quality work submitted to address the key skills and competencies required in the program and profession. Students must pass the progress evaluation in order to continue in subsequent advanced studio courses.

WHAT IS THE PURPOSE OF THE SECOND-YEAR PROGRESS EVALUATION?

The second-year progress evaluation serves several purposes. Its primary goal is to evaluate whether students have a foundational understanding of design concepts necessary to succeed in the program and profession. It also fulfills university assessment requirements, measuring student growth in the Industrial Design program and supporting accreditation renewal through the National Association of Schools of Art and Design (NASAD).

WHEN IS THE SECOND-YEAR PROGRESS EVALUATION?

Portfolios can be submitted upon completion of all required sophomore-level course work, and at the end of Fall or Spring semesters. Reviews typically occur the week after finals week. Please refer to the department website, and department email communications, for specific semester deadlines. Portfolios submitted after the posted deadline will not be accepted.



PREREQUISITE COURSES

Completion of the following courses is required before portfolios can be submitted. A minimum 3.0 current GPA (IND core only), as evidenced on the official Degree Progress Report, is required in order to submit a portfolio for review. This GPA must be maintained through the semester of review

| IND 1000-1 | Introduction to Industrial Design |
|------------|---------------------------------------|
| IND 1100-3 | Materials I: Materials & Fabrication |
| IND 1300-3 | Materials II: Materials & Fabrication |
| IND 1450-3 | Technical Drawing and CAD |
| IND 1470-3 | Design Drawing Techniques |
| IND 2100-3 | Digital Composition |
| IND 2450-4 | Beginning Industrial Design Studio |
| IND 2830-3 | Manufacturing Materials & Processes |
| IND 3050-3 | Advanced Sketching |
| IND 3480-3 | Industrial Design Model Making |
| IND 3660-3 | Computer Aided Modeling |
| ART 1101-3 | Studio Foundations: 2D |
| ART 1141-3 | Drawing I: Black and White |
| ART 1501-3 | Studio Foundations: 3D |

† For catalogs 2020 and earlier, please see your advisor for prerequisite requirements.

Additionally, students must complete the following courses, or have completed equivalent transfer courses. If missing TWO during the semester of review, students will be allowed to participate in the portfolio review if they enroll in those classes for the following semester.

General Studies - Written Communication-6

General Studies - Oral Communication-3 (COMM 1010 recommended)

General Studies - Quantitative Literacy-3

General Studies - Social and Behavioral Science II-4 (PHY 1000 recommended)

ARTH 1500-3 Art and Visual Literacy

ARTH 1700-3 World Art History II (fulfills Global designation requirement)

Students who receive blanket transfer credit from a previous degree should meet with the department chair to analyze their transcripts. Transfer credits must be tied to the specific general studies classes required for the major and portfolio review. This must be accomplished in time to be reflected in the Degree Progress report included with the portfolio submission.

THE PROCESS

WHEN CAN I SUBMIT MY PORTFOLIO FOR EVALUATION?

Upon completion of IND 2450: Beginning Industrial Design Studio, and all prerequisite courses, students are eligible to submit a portfolio of their work. In accordance with NASAD requirements, and in order to maintain high quality standards, students with sub-standard sophomore portfolios will not be allowed to continue study in the ID major. Sophomore portfolios that do not score a composite average of at least 80 out of 100 points will be considered sub-standard. *Faculty decisions on the sophomore portfolio's quality are not subject to appeal.*

The student must submit their digital, PDF formatted, sophomore portfolio to be reviewed by the Industrial Design faculty, but they will not be present during the review. Students will be notified about the results via campus email soon after the sophomore portfolios have been reviewed by the faculty.

Completed second-year progress evaluation forms will not be available for students to view directly, but the overall results may be shared with students during personal sessions with their departmental advisors.

A minimum 3.0 current GPA is required for all courses taken in the IND core and must be maintained through the semester of review. Because of this, the students will not be notified about the review results until after semester grades have been posted.

WHAT IF I DON'T PASS?

Sophomore portfolios that do not demonstrate the critical skills and proficiencies necessary to perform successfully in upper-division courses will not pass the evaluation. Students who do not pass are not abandoned by the industrial design program, however they will be ineligible for upper level studio courses until they have passed the second-year progress evaluation.

If the sophomore portfolio is not accepted, but shows potential, students may be allowed to attempt another review the following semester or subsequent semesters after the sophomore portfolio has been updated to better meet the required evaluation criteria. Acceptance of the sophomore portfolio is at the sole discretion of the ID program faculty. Students must consult with the faculty to retake selected major courses, rework their sophomore portfolio, or otherwise cooperate with the faculty recommendations.

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EVALUATION

WHAT CRITERIA ARE REVIEWED IN THE SECOND-YEAR PROGRESS EVALUATION?

Each student's portfolio will be evaluated by the criteria delineated in the evaluation rubric included with these guidelines. Students should select work samples to address all the evaluation categories in the rubric. Remember, you are making a case for your potential to succeed in the ID profession!

Submit work that demonstrates your design and innovation abilities. Include examples of projects that show your process and how you develop your ideas into the project results. Of primary importance are exploratory sketches that show a variety of solutions and ideas for each product presented.

The faculty look for each student's abilities to:

- Think and operate within the scope of the projects.
- Take a systems approach to design solutions.
- · Write and communicate effectively.
- Envision and produce broadly desirable 3D objects and projects.
- Produce a reasonable level of aesthetic sensibility in production; e.g., style, proportion, shape, material, color, etc.
- Draw and/or otherwise visualize new ideas.
- Identify important opportunities and needs.
- · Research, investigate and analyze design topics.
- Experiment, think laterally and engage in creative idea generation activities.
- Develop desirable solutions for real needs and problems that create value for the human condition.
- Exploit and employ appropriate technologies.

PLEASE NOTE: a 3.0 GPA (IND core only) is a minimum requirement but it does not guarantee you will pass the review.

PREPARATION

WHAT CAN I DO NOW?

Development of your portfolio begins the first day of your first class. Don't wait until the end of your second year to start considering what materials to put in it. Treat every assignment as a potential portfolio piece because the more effort you put into all of your assignments the better your portfolio with be!

This booklet provides a listing of requirements, suggestions and comments to help students better prepare for the second-year progrress evaluation. They include ways of presenting work, expectations of the faculty and insights on past successes. However, these strategies are only suggestions based on best practices and following them does not necessarily guarantee acceptance of your portfolio.

Don't sit back and wait for a project to be assigned in class. Explore design and other interests on your own. Work that shows your passion will stick out from the rest of your work.

You cannot design effectively in a vacuum. Talk to other designers. Talk to faculty. Ask others about design and how to improve and refine your design skills. Look at books and magazines. Peruse other student's works and portfolios. Learn from the better works that others have produced.

Challenge the problem, don't just solve it. Push the limits of your individual skills and existing designs. Accept the responsibility for expanding the quality, insight, and innovation of the profession.

DOCUMENT EVERYTHING! Keep all of your sketches, photograph your work, and record your thought processes.

While this is not a graphic design program, graphic layout and typographic design skills are essential to creating portfolios and class presentations. Present your work in a clean, well thought out composition. *Photoshop*, *Illustrator*, and *InDesign* are your friends. Learn them. Ask about them. Use them.

REQUIREMENTS

HOW SHOULD I PRESENT MY WORK?

The best approach is to present your work in a straightforward manner, organized according to the Second-Year Progress Evaluation Sheet. Each category should be clearly addressed with quality work that shows ability and potential for growth in that particular area.

THE FORMAT

The digital portfolio is recommended to be in an 8.5"x 11" land-scape format, but not required. Pages must be organized in such a way that the faculty may easily view and access the work.

Portfolios are limited to 40 pages of content, excluding title pages etc.

The portfolio must be properly packaged into a single file, not exceeding 50MB, with your name and the semester of submission in the file name. Submissions are only accepted via https://secureshare.msudenver.edu/filedrop/indfiledrop.

All contents of the portfolio, including graphics and layout, must be completed by the student who is submitting it.

ADDITIONAL REQUIREMENTS

- 1. Contact and information page
 - Full name
 - Portrait photo
 - Current address
 - Campus email
 - Semester/Year submitting
- 2. One page personal statement
 - Why did I choose ID?
 - What is my design philosophy?
 - · What are my future plans?
- 3. Print and Submit official MSU Denver Degree Progress Report
 - · Current cumulative GPA
 - Adjustments current
 - Highlight required courses
- 4. Signed signature form (also available in the main office)

SUGGESTIONS

WHAT SHOULD BE IN YOUR SOPHOMORE PORTFOLIO?

The following section provides suggestions you may use to prepare for the evaluation. These suggestions will not guarantee acceptance of your sophomore portfolio, but will enhance its quality and increase your possibility of passing the review.

You may include any works that relate to the areas of the evaluation. You are also encouraged to include design work from outside the class-room.

Suggested work to include in portfolio:

- Drawings
- · 2-D and 3-D design
- · Work from the materials classes
- Digital work (2D, computer models, and CAD drawings)
- · Inventions, ideas, or innovations
- Supplemental design or artistic work

Suggested process for work selection

Take all the work that you have done during your time in school and lay it out so that you can view it all at once. Examine everything, identify the strongest work, and then set it aside. Look again at your work and pull out the second strongest work, and third strongest. When looking at the remainder of your work, select any additional material that may fulfill the requirements of the various required areas of the evaluation.

Suggested setup of the portfolio

Looking at the three sets of your strongest work consider organizing them in a way that draws the viewer into your sophomore portfolio. One strategy is to place the best work on the first page to get the viewer's attention. The third best material can be placed half way through to keep the viewer's interest. The second best material can be added toward the end of the sophomore portfolio, which will be the last thing the viewer remembers.

Suggested development of work

Work that is considered weak or not design-related should not be included in the sophomore portfolio. Likewise, 2D or 3D work that does not show off your best craftsmanship should not be included. If you have a project that shows promise, but that was not adequately executed, it could be worth your time to further develop the project so it can be included in the sophomore portfolio. Budget enough time to revisit your old projects prior to the sophomore portfolio submission; waiting too long can create unmanageable stress or leave you without the time to produce high quality results.

CONSIDERATIONS

WHAT ELSE SHOULD I KNOW?

Remember, the second-year progress evaluation process begins NOW. Don't wait until submission time to find that you don't have enough material to create a comprehensive representation of your work. Don't wait until after you've submitted your sophomore portfolio to find out your work isn't adequate to move forward in the program!

Look at other portfolios - via the OneDrive folder provided by your instructor - so you can see the standards being set by the department and the industry as a whole. Do this research now! It will guide you in your efforts to produce high-quality, portfolio-worthy work in all of your upcoming classes.

Sophomore portfolios are evaluated with the consideration of the range of student work across the curriculum, plus the wider body of contemporary design. The department acknowledges that Sophomore work exists at a different level than that of truly experienced design practitioners. However, for the sake of providing a realistic assessment of design work to-date, the bar for the sophomore portfolio review is intentionally set high.

There are no quotas involved in determining which students pass the second-year progress evaluation. Students are not 'competing' for a finite number of 'slots' within the industrial design program.

Although all students may want to pass the second-year progress evaluation, it is likely that not all students will successfully do so. It is therefore both important and healthy to begin thinking about and planning for what next steps you might take in the event that your sophomore portfolio does not pass the evaluation.

Although preparing for the second-year progress evaluation can be very rewarding and enlightening, it is also an extremely labor-intensive endeavor. Mastering one's time-management, remaining open to diverse feedback from peers, and taking personal responsibility for one's performance are crucial qualities to foster and maintain throughout the process.

Your portfolio is always a work in progress. The sooner you start preparing for the second-year progress evaluation, the more progress you will have made over the next few semesters!

If you have ANY questions contact your IND faculty advisor.

SECOND-YEAR PROGRESS EVALUATION RUBRIC

In addition to the requirements on the preceding pages, each student's sophomore portfolio will be evaluated by the criteria delineated in the evaluation rubric below. Work samples should be selected to address all the evaluation categories in the rubric. Remember, you are making a case for your potential to succeed in the ID profession so take this task of portfolio development seriously!

Scores are assigned as follows:

(P) proficient, (D) developing, (I) inadequate, (U) unacceptable

| Creative Potential | | Р | D | I | U |
|--------------------|--|----|----|---|---|
| 1. | Demonstrates innovative/creative solutions • Design solution demonstrates originality or unconventional thinking. | 8 | 6 | 4 | 0 |
| 2. | Demonstrates aesthetic form development • Design Design demonstrates thoughtful form development and visual coherence. | 8 | 6 | 4 | 0 |
| 2D Visualization | | | | | |
| 3. | Overall quantity and quality of manual sketches • Sketches demonstrate control of perspective, confident line work, and value rendering. | 12 | 11 | 8 | 0 |
| 4. | Diverse, iterative concept refinement • Progressive refinement of design concepts through multiple sketch iterations. | 10 | 8 | 4 | 0 |
| 5. | Demonstrate technical drawing and M&MP • Orthographic drawing with dimensions, assembly, section views, etc. | 4 | 3 | 2 | 0 |
| 6. | Rendering/illustrative ability • Use of freehand drawing and/or computer- generated rendering to present the final solution. | 6 | 4 | 2 | 0 |

| 3D Form Development | | Р | D | I | U |
|-------------------------------------|--|----|-----|---|---|
| • Fund | nctional refinement ctional study through low/high fidelity otypes. | 10 | 8 | 6 | 0 |
| | sthetic refinement tive form development through mockups. | 10 | 8 | 6 | 0 |
| | y of execution in presentation models rototypes | 6 | 3 4 | 2 | 0 |
| | vely applies materials, processes, ical skills, and CMF to support design | 4 | 3 | 2 | 0 |
| Portfolio Quality | | | | | |
| • Clar | Il quality of submission ity of written explanations and visual ut of portfolio materials. | 10 | 8 | 4 | 0 |
| Overall | | | | | |
| develo solutio • <i>At le</i> | nstrates comprehensive design opment from research to refined on east one complete design project from 2450. | 12 | 10 | 6 | 0 |

TOTAL SCORE ____/100

IND ADVISING MATRIX - A representative 8 semesters

This guide accounts for prerequisites and the current portfolio requirement.



This guide accounts for prerequisites and the current portfolio requirement. The guide is for the advisor and the student to work out

ND ADVISING MATRIX - 120 Total Credit Hours

All General Studies course requirements completed, and IND 4450 STATE UNIVERSITY IND 4960 - 3 Professional Internship IND 4460 - 4 Professional ID Studio METRÖPOLITAN Revised: April 11, 2025 ∞ Prerequisite: Industrial Design OF DENVER IND 3800 - 4 Design for Marketability and Manufacturing Utilization of Composites in Manufacturing Concept & Portfolio Development IND 4540 - 4 Prereq.: IND 3100 IND 4210 - 3 Recommended GS courses for IND majors (IND 2810, ARTH 1500, and ARTH 1700 are REQUIRED for IND majors). he student's specific needs. Transfer credits, the opportunity for summer and winterim classes, and course availiability affect final schedules. IND 3600 - 3 Digital Visualization in ID IND 4410 - 3 Surface modeling for ID † Natural & Physical IND 3400 - 3
Product Usability and
Ergonomics IND 4450 - 4 Advanced ID Studio International Design Workshop Repeatable course IND 3850 - 3 Prereq.: IND 3660 (Within 90 hours) (Within 90 hours) Historical - 3 Science - 3 Prereq.ENG 1010, Pre or Coreq.ENG 1020

Coreq.ENG 1020

Social and Behavioral
Science I and Global Diversity (Within 90 hours) 9 Social & Behavioral Recommended: PSY 1001 - (Within 90 hours) IND 2810 - 3 Design & Tech.: Global Perspectives IND 3330 - 3 Fumiture Design 3 IND 4550 - 3 Advanced Textiles IND 3450 - 4 Registration requires passing the portfolio Prereq: IND 1300 ntermediate ID IND 3950 -History of ID Science - 3 eview (P) S Studio Portfolio Review Recommended: PHY 1000 - 4 (Within 90 hours) ARTH 1700 - 3 World Art II:Art1400-1900 Register Art Department IND 3660 - 3 Computer Aided Modeling Note: All 14 courses in the columns above must be completed prior to portfolio review IND 3550 - 3 Textiles: Materials & Fab. IND 3980 - (1-3) Elec. Internship Exp. Natural & Physical Prereq: IND1450, IND1470 Arts and Humanities with Global designation (Within 90 hours) IND 3480 - 3 Model Making IND 2450 - 4 Beginning ID Studio Prereq: IND 2450 Gray: This is the Studio Sequence Science - 3 4 Prereq: IND1300, IND1450, and IND1470 Communication2 - 3 * Recommended: ENG 1020 - 3 (Within 45 hours) ART 1501 - 3 Studio Foundations: 3D Advanced Plastics & Composites ND major mandatory advising period ARTH 1500 - 3 IND 2100 - 3 Digital Composition IND 2830 - 3 Manufacturing M&P IND 3200 - 3 IND 3100 - 3 ND 1450 Art and Visual Literac Arts and Humanitie Bicycle Design & Prereq: IND 1300 Quantitative (Within 30 hours) Literacy - 3 Fabrication IND 3660 Written Recommended: ENG 1010-3 (Within 30 hours) * Recommended: COMM 1010 (Within 30 hours) Communication1 - 3 Communication - 3 ART 1101 - 3 Studio Foundations: 2D IND 1300 - 3 Materials II: Materials & Fabrication IND 3050 - 3 Advanced Sketching IND 3000 - 3 IND 1450 - 3 Technical Drawing and CAD IND 2000 - 3 Design Aesthetics Social and Behavioral Design Thinking Written Science Oral additional IND elective courses IND 1000, IND 1100, IND 1300, IND 1450, IND 1470, IND 2830, IND 3000, and IND 3950 Consult with your advisor for Inquire with the University Catalog, or your advisor, for A separate Ethnic Studies Check with your advisor for A minimum of 6 credits are required from the IND track. IND 1100 - 3 Materials I: Materials & Fabrication a list of approved General & Social Justice (ESSJ) course is required. က IND 1000 - 1 Introduction to Industrial Design "IND Minor (22 credits): ART 1141 - 3 Studio Foundations: IND 1470 - 3 Design Drawing Techniques more information. Studies courses. General Studies (33 Credits) IND Required Courses (73 credits) IND Electives (14 Credits)

Please refer to your particular catalog year for correct advising matrix.



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