

DEPARTMENT OF FINE ARTS

COURSE OUTLINE – Fall 2025

AR 1102 (B2): 3D Fundamentals – 5 (2.5-0-2.5) 75 Hours for 15 Weeks

Northwestern Polytechnic acknowledges that our campuses are located on Treaty 8 territory, the ancestral and present-day home to many diverse First Nations, Metis, and Inuit people. We are grateful to work, live and learn on the traditional territory of Duncan's First Nation, Horse Lake First Nation and Sturgeon Lake Cree Nation, who are the original caretakers of this land.

We acknowledge the history of this land and we are thankful for the opportunity to walk together in friendship, where we will encourage and promote positive change for present and future generations.

INSTRUCTOR: Laura Marotta

OFFICE: J222

OFFICE HOURS: TUES 11:00am – 12:00pm, or by
appointment

PHONE: (780) 539-2814

E-MAIL: LMarotta@nwpolytech.ca

CALENDAR DESCRIPTION: A studio and lecture-based course with emphasis on the foundational principles and elements of 3D design, with a focus on the exploration of form, mass, volume, and space. Students will be guided through a variety of 3D mediums, materials, and processes, including safe handling protocols.

PREREQUISITE(S)/COREQUISITE: None

REQUIRED TEXT/RESOURCE MATERIALS: No textbook is required. A detailed material list that outlines a variety of supplies for this class will be provided and explained during the first class.

DELIVERY MODE(S): Lecture and lab

LEARNING OUTCOMES: By the end of this course students will be able to:

- Demonstrate foundational understanding of three-dimensional materials and processes.
- Utilize formal, material, and compositional strategies basic to three-dimensional design.
- Demonstrate an understanding of form, mass, volume, and space as applied through hands on engagement with a variety of simple materials and methods.

- Use manual tools with confidence.
- Develop their vocabulary and visual literacy related to three-dimensional design.
- Collaborate effectively with peers and faculty.
- Implement health and safety practices while working in the studio.

TRANSFERABILITY:

Please consult the Alberta Transfer Guide for more information. You may check to ensure the transferability of this course at the Alberta Transfer Guide main page

<http://www.transferalberta.alberta.ca>.

**** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability.**

EVALUATIONS: Detailed guidelines for each project with mark breakdowns and evaluation criteria will be reviewed during class.

Project	Value
Project 1: Modules	20%
Project 2: Pop-Up	25%
Project 3: Hand Study	25%
Project 4: Wearable Design	15%
Participation	15%

Participation is evaluated through your active contribution to a respectful and engaged studio community. This includes being present, punctual, and involved in all scheduled activities; arriving prepared with necessary tools, materials, and project planning; contributing thoughtfully and constructively to group critiques and discussions; assisting with set-up and cleanup; and helping to maintain a positive, collaborative studio environment.

GRADING CRITERIA:

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**.

Alpha Grade	4-point Equivalent	Percentage Guidelines	Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	95-100	C+	2.3	67-69
A	4.0	85-94	C	2.0	63-66
A-	3.7	80-84	C-	1.7	60-62
B+	3.3	77-79	D+	1.3	55-59
B	3.0	73-76	D	1.0	50-54
B-	2.7	70-72	F	0.0	00-49

COURSE SCHEDULE/TENTATIVE TIMELINE: A detailed schedule will be provided and reviewed during the first class.

STUDENT RESPONSIBILITIES:

- **Original Work:** All work submitted for this class must be independently created by the student.
- **Come Prepared:** Bring the materials you need to class. You are responsible for sourcing your own supplies unless otherwise noted. Showing up ready means you can make the most of our time together.
- **Portfolio:** A portfolio of all in-class work and completed projects must be maintained throughout the term.
- **Time Commitment:** Students should plan to dedicate additional time outside of class to complete projects and meet deadlines.
- **Be Part of the Studio Community:** Our class works best when everyone is engaged. That means showing up on time, joining in on discussions and critiques, helping with setup and cleanup, and treating others (and the space) with respect.
- **Using Electronics:** Stay focused. Devices should only be used for notes or class-related things. It is easy to tell when someone is tuned out and non-course-related use (e.g., texting, browsing) is not permitted.
- **Communication:** Students are expected to regularly check their email and MyClass for important updates, assignments, and announcements. These are the primary channels of communication.
- **Use of Work Periods:** Class time is your time to make progress on your projects—use it! You are expected to be actively working during these sessions. If you miss class or don't

use this time wisely, it will seriously impact your grade. If you are being disruptive or off-task, you may be asked to take a break from class.

- **Attendance:** Attendance is mandatory for all class sessions. Regular participation is essential to your progress and success in the course.

STATEMENT ON ACADEMIC MISCONDUCT:

Academic Misconduct will not be tolerated. For a more precise definition of academic misconduct and its consequences, refer to the Student Rights and Responsibilities policy available at <https://www.nwpolytech.ca/about/administration/policies/index.html>.

**Note: all Academic and Administrative policies are available on the same page.