

FABRICADEMY 2024-25



NUEVAL & EVALUATIONS

NURIA ROBLES

FABRICADEMY Apps

- 01. MAIN PAGE:** <https://www.textile-academy.org/> The class content is under [Wiki](#)
- 02. STUDENT'S REPO:** Your [gitlab documentation](#) will be shared on [Fabricademy class](#)
- 03. THE HANDBOOK:** The resource for Students and Instructors is [Fabricademy Handbook](#).

Follow the [criteria](#) to be sure that you meet the requirements
- 04. EVALUATION** takes place on <https://nueval.academany.org/>
- 05. COMMUNICATION** will happen mostly on [Mattermost](#), use it for a fluid conversation between peers

FABRICADEMY Assessment

Criteria

Learning outcomes

- They define what we expect you to learn during the week.
- Several criteria:
 - Research & Reference
 - Design, Fabrication
 - Originality, Aesthetics
 - Documentation / Replicability

Student's checklist

- Describe the assignment for the week
- Check the items you did, so that your evaluator can check them

The screenshot shows the 'Assessment Criteria' page for '2. Digital Bodies'. The page is divided into three main sections: 'Learning outcomes', 'Student checklist', and 'Table of contents'. The 'Learning outcomes' section lists four bullet points: Research skills, Design skills, Fabrication skills, and Process skills. The 'Student checklist' section lists seven items, each with a green checkmark icon, indicating they are completed. The 'Table of contents' section lists 13 items, with '2. Digital Bodies' highlighted in red. The page also includes a sidebar with navigation options like 'Summary', 'General Information', 'Classes', 'Project Development', 'Assessment', 'Introduction', 'General notes', 'Assessment Criteria', 'Final project', 'Contacts', and 'License'. The top of the page has a search bar and a user profile icon.

CHECKLIST

Task: Digital Bodies

Student's checklist 0/8

Checklist

- Include some inspiration: research on artists or projects that work with the human body
- Document the use of 3D scanner and software to acquire a 3D model
- Document the process of repairing and/or manipulating a 3D mesh and slicing it
- Document the process of file preparation for laser cutting
- Learn how to laser cut, document the workflow including the machine settings, material type and thickness
- Upload your 3D file (STL/OBJ) and your 2D files (DXF/PDF)
- Build and/or assemble a mannequin or body parts
- Create a stop motion or step-by-step assembling process and upload one picture (HIGH RES) of your mannequin (extra credit)

Save

FABRICADEMY Evaluation rounds

01 Self- evaluation

Who: The student

When: Once the assignment is documented (remember to document as you go)

STUDENT

02 Local evaluation

Who: Local instructor or remote mentor

When: Through the semester: Continuous evaluation

Goal: assess that you meet the requirements for being a Fabricademy diploma Candidate

LOCAL / REMOTE
INSTRUCTOR

03 Global evaluation

Who: Global Evaluators

When: After the Local Evaluation

Goal: to confirm you master the topics and skills covered in the course and assign the Fabricademy diploma

GLOBAL EVALUATOR

USING Nueval

- 01 Check the [Manual](#)
- 02 [Demo live](#)

STUDENT DASHBOARD

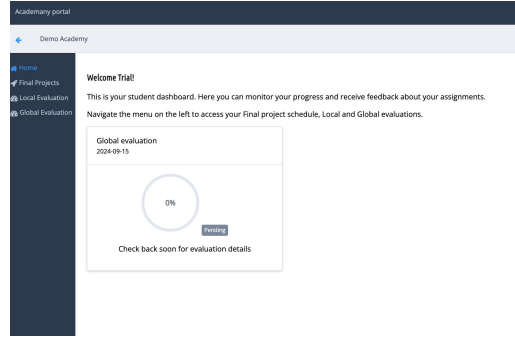
This app allows to monitor your progress as a student

[Open](#)

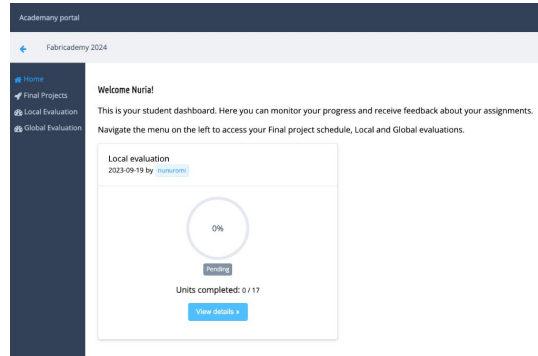
INSTRUCTOR DASHBOARD

This app allows to monitor your student as an instructor

[Open](#)



Before the Instructor starts the evaluation sheet



After the Instructor starts the evaluation sheet

Instructors

Local Evaluation

INSTRUCTORS

Use your **fablabs.io** credentials, when redirected to FabLabs.io

INSTRUCTOR DASHBOARD

This app allows to monitor your student as an instructor

[Open](#)

Looks like you are instructor in more than one course

Please select a course

Select

- Fab Academy 2021
- Fabricademy 2022
- Fab Academy 2022
- Fabricademy 2023
- Fab Academy 2023
- Fabricademy 2024
- Fab Academy 2024
- Fabricademy 2025

INSTRUCTORS

Select a Lab
Test Lab

Select a student
Nuria Robles

TEST2023-01 Nuria Robles Under local evaluation

Overall progress Student Records Local evaluation 2023-09-19

State of the art, project managemen...	0%
Digital Bodies	0%
Open Source Circular Fashion	0%
Biochromes	0%
E-textiles	0%
Biofabricating materials	0%
Computational Couture	0%
Wearables	0%
Textile Scaffold	0%
Open Source Hardware - from fibers ...	0%
Implications and applications	0%
Soft Robotics	0%
Skin Electronics	0%
PPD Concept Development	0%
PPD Process Development	0%
PPD Deliverables	0%
PPD Final Presentation	0%

LEARNING OUTCOMES

Unit progress

Task: Project management and documentation

Research skills: Learn the process and tools used to document course w

Design & process skills: Acquire the necessary skills to publish projects, c

Save

move the sliders

CHECKLIST

CHECKLIST

Task: Project management and documentation

Checklist

- Build a documentation website describing you and your motivation for the textile-academy, including your previous work
- Upload the documentation to your project page on class.textile-academy.org
- Add references and research based on the topic of your interest
- Learn how to upload images, videos, references and how to use Markdown and Gitlab
- Learn about the fab lab processes, booking system, usage, machine demos, tools and safety rules
- Customize your website and document how you did it (extra credit)

Student's checklist 0/6

for students!!

Save

FEEDBACK

* Leave feedback

Subject

Message

Please input **your** __feedback__ here

use the Feedback field to communicate with your students

INSTRUCTORS

Accessing the Instructor Dashboard: Demo live

After login, you will be presented with the applications list, select “Instructor Dashboard”

What can be done in the instructor dashboard:

- See your students list
- Book student final project presentations
- Provide feedback to students about the single units
- Evaluate your student during “Local Evaluation” and propose them for global evaluation

INSTRUCTORS

Basic workflow for local evaluation

- Go to the “Local Evaluation Tab”
- Select a Lab you mentor and a Student

Evaluation setup

- Since you never evaluated this student you will have to setup hers/his evaluation sheet
- Select the “Setup evaluation” button

VIDEO: Setup evaluation, by Fiore

INSTRUCTORS Weekly progress

Once the student evaluation has been setup you can start to input your evaluation:

- After your student has marked all the checkboxes, you can Go through the evaluation and **adjust sliders** associated with each task. Write comments on the **feedback** if the student needs to complete anything
- Once the **sliders reach the 90%** you will be able to mark the **unit complete**
- When you mark an unit complete, you can still **undo** it with the relative button
- The button is not available anymore only when you check the last unit complete
- Marking a unit as **complete** means that **the student has no more work left** to successfully finish the unit. **Feedback** is also recommended at this point, the students like to know that they are doing things well

INSTRUCTORS Feedback

In each Week detail page, you can find a **feedback form**:

- Filling this form will **leave a message on the unit**, accessible by the student and global evaluators.
- An **email notification** will be sent to warn the student about your feedback
- The student will be able to reply using the same form, making the conversation recorded for future reference.

ALWAYS try to communicate through this form, so the communication becomes part of the evaluation and can be accessed by the Global evaluator and, please, **be kind in all the conversations**

Students

Self Evaluation

STUDENTS Login

For students:

Login -> Use fablabs.io

Username: your student id, uppercase or your email address

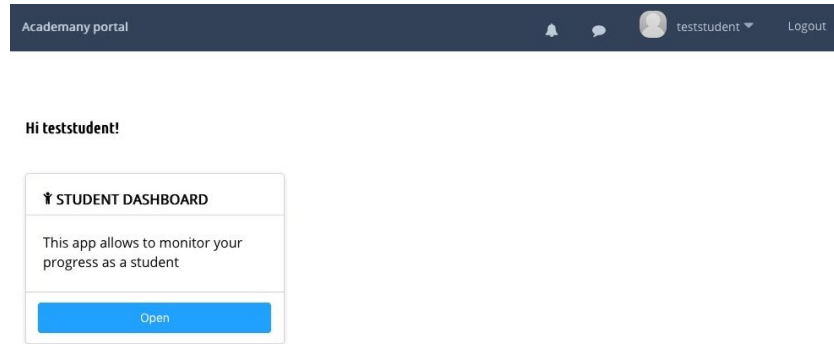
Password: your password

Unless you already had a fablabs.io account

STUDENTS Nueval workflow

Access the Student Dashboard [Live demo](#)

Select the “Student Dashboard” application to access your records



What can be done in the student dashboard:

- Check your final presentation schedule
- Access your evaluation record for the local and global evaluation sessions
- Provide feedback to the instructor and evaluator and please, **be kind in all the conversations**
- Check your graduation status

If you were previously enrolled in Fabricademy or Fabacademy in past editions, you will also need to select the course you are attending from the list.

STUDENTS Dashboard

What can be done in the student dashboard:

- Check your final presentation schedule
- Access your evaluation record for the local and global evaluation sessions
- Provide feedback to the instructor and evaluator
- Check your graduation status

STUDENTS Dashboard

Access your records

Once logged in the Student Dashboard you are presented with your evaluations.

The screenshot shows the Student Dashboard for Fabricademy 2024. The user is identified as Nuria. A welcome message states: "This is your student dashboard. Here you can monitor your progress and receive feedback about your assignments. Navigate the menu on the left to access your Final project schedule, Local and Global evaluations." A "Local evaluation" card for the period 2023-09-19 by instructor nunuromi shows a progress indicator of 0% and a "Pending" status. A "View details" button is visible below the progress indicator.

The screenshot shows the "Local Assessment & Evaluation" page for Fabricademy 2024, managed by instructor nunuromi. It features a table of evaluation items, each with a progress bar and a 0% completion status. Below the table, there is an "OVERALL PROGRESS" section with a 0% progress indicator and a "Leave Feedback" button. The "UNIT DESCRIPTION" section includes the task "Project management and documentation". The "LEARNING OUTCOMES" section shows "Unit progress" with a progress bar and a "Task: Project management and documentation" with a sub-task "Research skills: Learn the process and tools used to document course work".

Local evaluation	2023-09-19	Instructor nunuromi	Progress
State of the art, project management and documentation			0%
Digital Bodies			0%
Open Source Circular Fashion			0%
Biochromes			0%
E-textiles			0%
Biofabricating materials			0%
Computational Couture			0%
Wearables			0%
Textile Scaffold			0%
Open Source Hardware - from fibers ...			0%
Implications and applications			0%
Soft Robotics			0%
Skin Electronics			0%
PPD Concept Development			0%
PPD Process Development			0%
PPD Deliverables			0%
PPD Final Presentation			0%

NOTE: This function will be only available once your instructor / evaluator has started the evaluation process.

STUDENTS Progress

Weekly progress

Once the evaluation has been setup you can monitor your evaluation:

Go through the units and check the tasks you completed in the “Student’s Checklist”.

CHECKLIST

Task: Project management and documentation

Checklist

- Build a documentation website describing you and your motivation for the textile-academy, including your previous work
- Upload the documentation to your project page on class.textile-academy.org
- Add references and research based on the topic of your interest
- Learn how to upload images, videos, references and how to use Markdown and Gitlab
- Learn about the fab lab processes, booking system, usage, machine demos, tools and safety rules
- Customize your website and document how you did it (extra credit)

Save

Go through the units and check sliders associated with each task, look for feedback and reply improving what is highlighted by the evaluator.

Once the sliders reach the 90% your evaluator will mark the unit complete.

STUDENTS Tips

In each Week detail page, you can find a feedback form:

- Filling this form will leave a message on the unit, accessible by the instructor and global evaluators.
- An email notification will be sent to warn the recipients about your feedback
- The instructor / evaluator will be able to reply using the same form, making the conversation recorded for future reference.
- If you don't immediately reply to your feedback, the evaluator will mark your status as "Waiting for feedback" and the coordination will contact you making sure you receive notifications and formally requesting an answer from you.

[Video](#) from Fiore <3







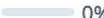

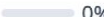
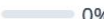

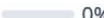
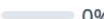
Instructors

Global Evaluation

INSTRUCTORS - GLOBAL

Basic workflow for global evaluation

- Go to the “Global Eval Tab”
- You will see the list of students that you have to evaluate
- Evaluate only the assignments that are 100% (and green check mark)

State of the art, project managemen...	 ✓
Digital Bodies	 ✓
Open Source Circular Fashion	 ✓
Biochromes	 ✓
E-textiles	 ✓
Biofabricating materials	 ✓
Computational Couture	 0%
Wearables	 0%
Textile Scaffold	 0%
Open Source Hardware - from fibers ...	 0%
Implications and applications	 0%
Soft Robotics	 0%
Skin Electronics	 0%

FABRICADEMY DOCUMENTATION: General Tips

- **Make a good planning of your weekly time for Fabricademy**
 - plan time for hands-on activities
 - plan time for reading, each assignment starts with inspiration from different sources
 - plan time for documenting, and time to sort and catalog files
- **Document as you go**
 - If it is not documented it doesn't exist. The local instructors and Global team will evaluate your work **based on the documentation you have published.**
 - Don't panic, you decide when your webpage is ready to be evaluated (*)
 - **Check** your pictures size. **Never >1MB** (Follow Claudia's tutorial recommendations)
- Find your **personal style**
 - Navigate through [previous years students' repos](#) to get inspired
 - Find your own documentation style - Tutorial vs diary
- If you already have a Final Project Proposal, plan each weekly assignment as a part towards your final Project

THANKS!!!

reach me at Mattermost:

@nunuromi