



PRODUCT DESIGN & DEVELOPMENT MINOR FOR STUDENT TEAMS TWENTE

ALSO OPEN TO ALL
OTHER STUDENTS
READY TO TAKE UP
TECHNICAL &
PRACTICAL
CHALLENGES



**DroneTeam
Twente**

RISE



ELECTRIC SUPERBIKE TWENTE

HYDRIVEN

**SOLAR BOAT
TWENTE**

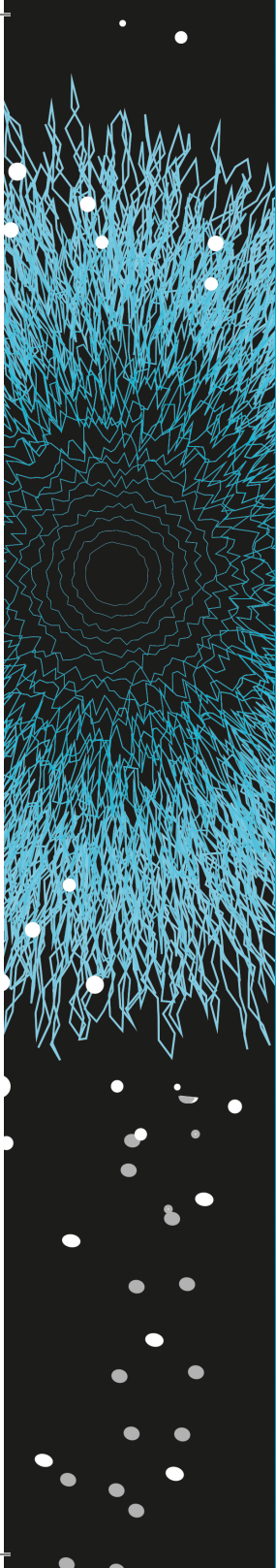


**RoboTeam
Twente**

DesignLab

FRAUNHOFER INNOVATION PLATFORM
FOR ADVANCED MANUFACTURING

UNIVERSITY OF TWENTE.



MINOR INFORMATION FOR TEAM MEMBERS AND ALL OTHER STUDENTS

for YOU, a minor with lots of flexibility and options, including various starting and end dates, number of EC, and more... You will have access to Design Lab and Fraunhofer Innovation Platform.

This minor helps you **gain knowledge and get hands on experience of the systematic product design & development approaches** to deliver competitive products in the market. You will go through the conceptual and detailed design phases of product development. The final result is a complete and precise description of the product, which can be issued to the manufacturing companies for manufacture and assembly. The minor is hosted by DesignLab and embedded under the examination board of Mechanical Engineering. The minor is composed of **core educational activities** and a **personal pursuit project**. The core educational activities are two courses namely **Design Methodology** and **Material and Manufacturing Process Selection**. The personal pursuit project aligns with the Student Teams projects or is in line with biomedical product designs.

The minor is offered in two setups: **15 EC and 30 EC**, of which 5 EC is assigned to the core educational activities and 10EC / 25EC to the personal pursuit project. The credits of the projects depend on the difficulty level of the personal pursuit project. The minor is a one-year program and can be started either in **1A** or **1B**. You have only **one assignment** (a written report) for both courses and project. You can complete the minor any time before the end of academic year.

The following **three options** are possible for enrolment:

1. Student Team members working on their tasks in their teams
2. Non-team members taking a project defined by Student Teams
3. Non-team members interested in projects in line with biomedical device design and development

For more information and enrolment on the minor, contact the minor coordinator, **Athena Jalalian** at a.jalalian@utwente.nl

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