



TOR VERGATA
UNIVERSITÀ DEGLI STUDI DI ROMA



Erasmus+

BLENDDED INTENSIVE PROGRAM A.Y. 2025-2026

Robotics in Action: Bridging Theory and Engineering Practice

Event venue
Politehnica University Timisoara
June 2026

1. The project

A. Partners involved

- Politehnica University Timisoara (RO TIMISOA04)
- Università degli studi di Roma Tor Vergata (I ROMA02)
- University of Zaragoza (E ZARAGOZ01)
- University of Poitiers (F POITIER01)
- The Higher Education Technical School of Professional Studies in Novi Sad (RS NOVISAD03)

B. Students involved

- Max 5 students from Politehnica University Timisoara (RO TIMISOA04)
- Max 5 students from Università degli studi di Roma Tor Vergata (I ROMA02)
- Max 5 students from University of Zaragoza (E ZARAGOZ01)
- Max 5 students from University of Poitiers (F POITIER01)
- Max 5 students from The Higher Education Technical School of Professional Studies in Novi Sad (RS NOVISAD03)

C. Pedagogical project

The *Robotics in Action* BIP program aims to bridge theoretical knowledge with hands-on engineering practice, offering participants a comprehensive learning experience in contemporary robotics and mechatronics. Through a carefully structured schedule that includes lectures on mechanism design, soft robotics, industrial automation, advanced motor control, and robotic redundancy, the program supports students in deepening both their conceptual understanding and practical engineering skills. Its core objective is to expose participants to current trends in robotics while encouraging interdisciplinary thinking, collaboration, and innovation across international teams.

The program combines diverse teaching methods—expert-led lectures, interactive workshops, simulation-based exercises, group project work, and industry visits—to ensure a balance between theory and application. These methods are designed to strengthen students' technical competencies, problem-solving abilities, communication skills, and teamwork. As a key outcome, participants develop and present a group robotics project synthesizing insight gained throughout the week.

D. Online activities

Online activities will be scheduled on 15th June, 2026.

E. Onsite activities

All the activities in presence will be organized at the Politehnica University Timisoara from 22nd to 26th June, 2026.

F. Associated ECTS

Each participant will receive an attendance certificate.

The course workload is 3 ECTS and it **must** be validated through a Learning Agreement.

2. Funding and scholarships

The project is founded by ERASMUS+ and students from the University of Rome Tor Vergata will have a scholarship to cover the costs related to the short-term physical mobility. All students enrolled in an undergraduate, postgraduate or single-cycle degree programme for the 2025-2026 academic year are eligible for the scholarship.

Scholarships will cover the travel tickets and students will have a fixed amount of payment for each of the 5 days of stay in Timisoara (Romania) for covering the accommodation cost. For further information about financial aid, you can consult the *Erasmus+ Blended Intensive Programmes Call 2025 – Participation in BIP Projects Organized Abroad (Decree 3243/2026 of 21/10/2025)* published at the following link:

https://web.uniroma2.it/it/percorso/area_internazionale/sezione/bando-per-partecipare-ad-un-bip-organizzato-da-altre-universit-europee

3. Application requirements and evaluation requirements

BIP Application requirements for Tor Vergata students:

- The application deadline is scheduled for: April 24th, 2026, 12:00 PM.
- Applicants must be enrolled at the University of Rome Tor Vergata in a Bachelor's, Master's, or Single-cycle degree programme (in Italian or English) for the entire period from the date of application submission until 30 days after the conclusion of the BIP programme;
- English language requirements: English level B2;
- Complete the application form and attach a letter of motivation (max. 250 words) as well as a current certificate of study.
- Applicants must hold a **valid residence permit** at the time of application and for the entire duration of the mobility period, whether in-person or virtual.

Please note: since the applicant must be regularly enrolled at Tor Vergata University of Rome and have paid the tuition fees for the current a.y., “**in cautelativa**” students can **not** apply to BIP Programmes.

4. Application procedure

To APPLY, access the following link: <https://forms.office.com/e/D2AKqgZC0K>

The deadline for the submission of the online application is **April 24th, 2026 (12.00).**

5. Contact information

For any issue related to the application BIP please refer to:

Academic reference contact

Prof. Matteo Russo

E-mail: matteo.russo@uniroma2.eu

Erasmus+ Central Office

E-mail: bip@erasmus.uniroma2.it

Academic reference

Prof. Matteo Russo