PRESS RELEASE

TECHCAMP 2026: Politecnico di Milano's Summer School

The commitment to innovation multiplies, expanding to 11 thematic courses.

Milan, January 2026—**TECHCAMP**, Politecnico di Milano's Summer School, is preparing to launch the 2026 edition, consolidating its position as the first project in Italy dedicated to bringing high school students closer to **STEM (Science, Technology, Engineering, Mathematics)** disciplines with university-level standards. After the success of the 2025 edition, TECHCAMP 2026 presents itself with an expanded educational offering, including three new fundamental disciplines.

Innovation and Expansion of the Educational Offering

Founded in June 2018, TECHCAMP has already involved over 1,800 students and delivered more than 85 courses to date. The 2026 edition marks a significant step toward educational completeness, bringing the total number of pathways to **11 thematic courses**.

To the highly relevant STEM areas, which include, among others, Artificial Intelligence, Green Energy, Cybersecurity, Coding, Robotics, and the two Mobility variations (Race car dynamics and Intelligent and Autonomous vehicles), are added the new and anticipated disciplines of **The Mathematics of GPS**, **Digital Heritage Lab: applied technologies for cultural heritage documentation**, and **Design-driven Creativity with AI**. These new pathways represent the Politecnico's commitment to offering a 360-degree vision of academic and professional opportunities.

An Intensive and International University Experience

TECHCAMP courses are structured as intensive, hands-on pathways, entirely taught by professors, researchers, and doctoral students from Politecnico di Milano, ensuring a high-quality teaching approach strongly oriented toward practical experimentation.

Key characteristics of the 2026 edition:

- **11 Thematic Courses**
- **Intensive Format:** 30 hours per week of lectures and laboratory work.
- **Language:** All activities are conducted entirely in English.
- **Duration and Locations:** Courses will take place during the weeks of June 15-19 and 22-26, at the Leonardo and Bovisa Milano Campuses and Lecco Campus.

TechCamp 2026 Courses

The New Disciplines:

- **The Mathematics of GPS: Modeling and Programming (Mathematics):** The course is designed for high school students and combines mathematics and programming to explore the principles behind **geolocation** and **GPS**. Participants will use tools such as **MIT App Inventor** to develop mathematical models (focusing on **ellipses** and **parametric curves**) and create a personalized version of an educational application called 'Find the Treasure.'
- **Digital Heritage Lab: applied technologies for cultural heritage documentation (Architecture):** This course offers a practical and engaging experience that bridges the gap between our rich cultural heritage and the frontiers of digital innovation. Participants will step into the shoes of 'curators of the future,' learning cutting-edge methodologies to measure, document, and enhance Cultural Heritage.
- **Design-driven Creativity with AI (Design):** The pathway dedicated to high school students who want to explore how a design-driven creative enterprise is born and how artificial intelligence can become a powerful creative ally.

The Established STEM Courses:

- **ARTIFICIAL INTELLIGENCE - AI Bootcamp:** An introduction to **artificial neural networks** and **computer vision**, focusing on using AI to understand and classify images.
- **GREEN ENERGY - Green energy: pillars and dreams:** The course addresses the technical and scientific challenges of the **ecological transition**, focusing on the main renewable sources (water, sun, and wind), energy conversion, storage systems, and electrical grid management.
- **CYBERSECURITY - Cybersecurity and Hacking:** The course explores the art of **hacking**, understood as the ability to make technological systems do things they were not designed for, developing a deep understanding of complex computer systems.
- **MOBILITY - Race car dynamics:** Provides the foundations of **vehicle dynamics** and explains how elements such as chassis, tires, suspension, engine, and aerodynamics influence the overall performance of a race car.
- **MOBILITY - Intelligent and Autonomous vehicles:** Examines the **intelligence** behind autonomous vehicles, addressing the main tasks these systems must solve to navigate independently.
- **ROBOTICS - Robotics: the art of intelligent motion:** Introduces participants to the concepts of **robots** and **programming**. Students will learn to describe robot motion and will have the opportunity to program a real robot.
- **CODING - Python a language for world inventors:** Presents **Python**, a powerful programming language that offers possibilities to program objects, write video games, process images, and imitate aspects of human intelligence.
- **SPORT ENGINEERING - Sport Engineering and Human Performance:** Focuses on technological innovation applied to sports in the pursuit of

excellence, covering athletic preparation, motion analysis, wearable sensors, and optimized equipment design.

Registration Opening and Application Procedures for 2026

TECHCAMP, anticipating strong demand for the **500 available places**, announces that the official opening of registrations for the 2026 edition is set for **January 28, 2026**. All precise instructions and complete regulations will be published on the project's official website (https://techcamp.polimi.it/) concurrently with the opening of applications.

The registration procedure is divided into two distinct pathways:

1. **Standard Registration (Paid):** Starting from the opening of registrations, students who meet the admission requirements (having completed the first two years of high school or equivalent, not having negative evaluations in curricular subjects, and having achieved a positive conduct grade) will be able to select their desired thematic course and finalize the purchase.
2. **Free Registration Application:** For students who wish to access TECHCAMP courses free of charge, the application procedure is separate and follows a rigorous selection process based on a combined evaluation that considers both academic merit and economic situation (ISEE or equivalent).

Corporate Collaboration and Merit Support

TECHCAMP continues to be a valuable project, made possible by the strong support of the business world, which invests in high-level STEM education. Partner companies are essential not only for the project but also for access: thanks to their contribution, approximately 50 places with exemption from registration fees are currently made available, intended for students who demonstrate academic merit and economic need.

Interested companies can contribute through various models, including: purchasing registration fees for employees' children (corporate welfare), purchasing fees to be allocated to students with priority based on ISEE (below €40,000), or making free donations to support the development of laboratories and new courses. Partner companies gain visibility during promotional events and on the official website.

Presentation Webinar: February 18 at 6:00 PM

February 18 at 6:00 PM — Official TECHCAMP 2026 webinar. An opportunity to ask questions, clarify doubts, and meet the staff.

Register for the webinar here: https://forms.office.com/e/ieNVYEPyuJ

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