



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Language course/short course



CanSat Satellite Design

Technische Universität Berlin • Berlin

Overview

Course location	Berlin
Teaching language	<ul style="list-style-type: none">English
Language level of course	<ul style="list-style-type: none">English: B2
Date(s)	<ul style="list-style-type: none">15 July - 9 August 2024 (Registration deadline of course provider: 19 June 2024)
Information on dates, prices and mode of study	<p>Course fees are as follows:</p> <ul style="list-style-type: none">Student: 2,530 EURWorking professional/Non-student: 3,040 EUR <p>Please note that students will be required to upload proof of their student status (student card/enrolment information) during the registration process.</p>
Target group	<p>This course is designed for students, working professionals, and any individuals with a general understanding of engineering who want to gain insight into the exciting topic of space technologies. With the practical approach of the course, students will experience working on a challenging project in an interdisciplinary team. This will prepare them for a systems engineering career with a leading position in the engineering industry. With the basic knowledge in space technologies that is imparted in this course, students will have a good starting point to prepare themselves for a continuing education in space engineering. It is recommended that students use their own laptops for the hands-on project.</p> <p>Prerequisite: at least one year of university experience</p>
Description/content	<p>A CanSat is a small satellite in the shape of a commercial beverage can that performs several measuring tasks. In this course, a CanSat will be designed, built, and tested in the field during a rocket launch. Therefore, all basic knowledge of topics related to the exciting area of space technologies will be imparted, and practical skills for the development of a CanSat will be trained. The theoretical units will be supplemented with practical exercises. Parts of the CanSat will be developed in intensely supervised small groups. During an excursion to a site in Berlin where space-related companies and institutions are located, the participants will gain insight into facilities used for the development of satellites.</p>

Course details

Recognised language exams	No
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offered (e.g. DSH, TestDaF, TOEFL)

ECTS points (max.) 6

Costs / Funding

Dates and costs • 15 July - 9 August 2024 (Registration deadline of course provider: 19 June 2024), costs: EUR 2,530

This price includes

- Course fees
- Accompanying programme

Information on dates, prices and mode of study

Course fees are as follows:

- **Student: 2,530 EUR**
- **Working professional/Non-student: 3,040 EUR**

Please note that students will be required to upload proof of their student status (student card/enrolment information) during the registration process.

Requirements / Registration

Teaching language • English

Language level of course • English: B2

Language requirements Participants of the TU Berlin Summer & Winter School must meet the following requirement: B2 level English, or equivalent

Submit application to [Please apply via our application portal.](#)

Services

Is accommodation organised? Accommodation is arranged by the organiser.

Type of accommodation Hotel room (double occupancy)

Is a social and leisure programme offered? Yes

Description of social and leisure programme	Cultural programme sessions during the week after course hours (museum visits, guided walking tours, minigolf, lake excursions, etc.) and at the weekend (trips to other cities, such as Dresden, Potsdam, and Leipzig)
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Free internet access	Yes
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Support in visa matters	Yes
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Pick-up service from train station/airport	No
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Technische Universität Berlin



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The TU Berlin Summer & Winter School invites students and working professionals from around the world to participate in a unique summer or winter experience at the TU Berlin in Germany, located in Europe. We offer summer and winter schools across the fields of science, technology, arts, and business, delivered by experts and professors from the Technische Universität Berlin. Contrary to what the name might suggest, TU Berlin does not only offer courses in technology, engineering, and the natural sciences; TU students can also study the humanities, social sciences, culture and technology, and economics. With an enrolment of nearly 34,000 students, TU Berlin is one of the largest technical universities in Germany. TU also has a high proportion of foreign students.



University location

The TU Berlin is centrally located in the district of Charlottenburg in the heart of City West. Since Berlin's public transport system is known to be one of the best in the world, the main campus can be easily reached from every corner of the city.

Contact

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🌐 Course website: <https://www.tu.berlin/en/international/summer-school/summer-school/summer-school-on-campus/cansat-hands-on-satellite-design>

📘 <https://www.facebook.com/TUBerlinSummer/>

🌐 <https://www.linkedin.com/in/tuberlinsummerschool/>

📷 <https://www.instagram.com/tuberlinsummerschool/>

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International Programmes in Germany - Database

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Editor

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