**[Job title]**

**Principal Educator**

**[Specifications]**

Department: Faculty of Electrical Engineering, Mathematics & Computer Science

Job type: XXXX

Hours per week: XX-XX

Salary: € X.XXX,- – € X.XXX,-

Level of education: Bachelor/Master of Science

**[Teaser: max. 200 characters]**

*Would you like to contribute to world-class education? As a principal educator at TU Delft you will develop our curriculum and teach next-gen electrical engineers using innovative teaching methods.*

**[Job description]**

Today’s bachelor students may well resolve tomorrow’s societal challenges, ranging from breakthroughs in healthcare to the energy transition. This is why, at TU Delft’s Electrical Engineering Education (EEE) team, we care deeply about education. Not just in terms of teaching the basics, but helping students bridge theory, research and practice in a societal context. As a principal educator, you will teach our undergraduates and play a crucial role in the development of our curriculum. Embracing cutting-edge technologies and the latest teaching methods, you will help train students in real-world problem-solving.

Lecturing theory and supervising the accompanying laboratory courses, you will make implementation of theory and research in real-life challenges an integral part of our education offering. You will also mentor and assess individual students, and supervise their graduation projects. Based on your vision, you will improve current, and develop new courses. You may be creating content in any relevant subject, e.g. quantum computing, bioelectronics or terahertz technology. Alternatively, you may embed mathematics and physics in your courses, focus on chip design or target technologies geared to stabilise multi-energy systems. Within the electrical engineering themes of our faculty, we offer you full flexibility to pioneer and contribute to outstanding undergraduate education, including our Honours Programme.

You will join our diverse team of ten educators and technicians who share a heart for education, striving for excellence and creating ethical awareness among our students. At EEE we foster an inclusive, collaborative and supportive environment. We all bring our authentic selves to work, and share knowledge and experiences. You will also join TU Delft’s Teaching Academy, our lecturers’ community geared to strengthening engineering education across faculty boundaries. If you wish to also conduct research and disseminate knowledge at conferences, we encourage you to do so. And you will get all the training and coaching you need to grow your career and perhaps even become an Education Fellow!

Learn more about [EEE](https://microelectronics.tudelft.nl/eee/) and the [Teaching Academy](https://www.tudelft.nl/teachingacademy).

**[Requirements: max. 7 bullets]**

* You hold a PhD in Electrical Engineering and have knowledge at academic level of analogue electronics.
* You have in-depth knowledge of one or more of these disciplines: digital electronics, specifically Verilog and VHDL, telecom, electricity and magnetism, and/or energy conversion.
* You hold the Basic Teaching Qualification or are willing to obtain the qualification quickly.
* You have experience of lecturing and are committed to driving excellence in education, embracing innovative learning and teaching practices.
* You care about actively creating and maintaining a safe, inclusive and diverse learning environment. Do share your ideas in your diversity/inclusion statement!
* You enjoy mentoring and teaching students. Harnessing your communication skills, you know how to connect and interact with your students and colleagues alike.
* You have a good command of English and if you’re not yet proficient in Dutch, you are willing to learn the language.

**[TU Delft (Delft University of Technology)]**

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**[Template text department]**

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**[Conditions of employment]**

[Automatically completed by recruitment system]

**[Additional information]**

If you would you like to know more about this role, please contact [First name Last name], [job title] at [telephone number] or [email].

**[Application procedure]**

Are you our new principal educator? Upload your

* motivation and CV
* teaching and research statement and
* diversity/inclusion statement

using the application button below no later than [**date**]. Please address your application to [First name Last name], [job title]. The initial interviews will take place on [date].

**[Metatitle]**

Vacancy Principal Educator | TU Delft

**[Metadescription]**

Contribute to world-class education by teaching and mentoring BSc students and developing our curriculum as a principal educator at TU Delft.

**[Intros social media 3x]**

Would you like to harness cutting-edge technologies and the latest educational methods, training engineering students to resolve societal challenges? Join TU Delft’s Electrical Engineering Education team as a principal educator!

Contributing to world-class education, teaching and mentoring engineering students and developing the Electrical Engineering curriculum. That’s what you’ll do as a principal educator at TU Delft. Join our driven team of university educators and technicians, who share a heart for education!

Today’s undergraduate students may well resolve tomorrow’s societal challenges, ranging from breakthroughs in healthcare to the energy transition. TU Delft’s educators help them prepare for their future roles. Join us as a principal educator and contribute to world-class education, bridging theory, research and its implementation. Apply now.

**[Relevant hashtags]**

#vacancy #workingatTUDelft #PrincipalEducator #ElectricalEngineering #education #lecturer #universityeducator