

# *Welcome in Delft*



<http://youtu.be/YorkSityE7I>

# Delft University of Technology

## impression



- Welcome at TU Delft [http://youtu.be/6QUP\\_qIxiY0](http://youtu.be/6QUP_qIxiY0)
- MOOC <http://youtu.be/ZbtZboeYrGw>
- Pre calculus <https://www.youtube.com/watch?v=NERI-6x2tpQ>
- Internet access:
  - Eduroam or
  - Visitor account:
    - Go to TU visitor and enter access code
    - Manual:  
[https://intranet.tudelft.nl/fileadmin/Files/medewerkerpagina/Gasten/Draadloos\\_netwerk/doc/TUvisitor\\_EN.pdf](https://intranet.tudelft.nl/fileadmin/Files/medewerkerpagina/Gasten/Draadloos_netwerk/doc/TUvisitor_EN.pdf)

### corporate figures

2013

#### Education

First years	3.914
Studentpopulation	18.781
Master degrees	2.090
International students	2.948
Bachelor's programmes	15
Master's programmes	30

#### Research

Academic staff	2.579
PhD degrees	353
Scientific publications	5.432
Publications in professional journals	681

# SMART project visit to Delft

Wednesday March 11



Location: Faculty of Architecture, Julianalaan 134, Delft

Room: Berlagezaal

- 13.00 – 13.45 Welcome and Lunch in Berlagezaal
- 13.45 – 14.30 bèta steunpunt Delft (Diana Pennink)
- 14.30 – 15.00 Introduction of TU Delft (Meta Keijzer)
- 15.00 – 16.00 Education of STEM courses in the Netherlands and how is TU Delft involved (Sylvia Walsarie Wolf)
- 16.00 – 16.45 Technasium what is it and what kind of lessons are given (Mathijs van Breukelen)
- 19.00 Dinner (invitation by TU Delft) Restaurant 'Stadscafé De Waag' (Markt 11, Delft)

# SMART project visit to Delft

## Thursday March 12



Location: TU Delft Library, Prometheusplein 1

Room: Blauwe zaal

- 9.00-11.00 Pedagogical and disciplinary topics to be covered by learning/teaching modules and materials. Teaching training materials: examples in science and mathematics. Format to be used for the modules and materials. (Settimio Mobilio & Marina Marchiso)
- 11.00–12.00 Open on line courses structure: number of modules and the connection between modules (Anna Brancaccio)
- 12.00 – 12.30 Examination of the report documents produced on the analysis of local needs (Massimo Esposito)
- 12.30 – 13.30 Lunch (invitation by TU Delft)
- 14.00 – 15.30 Visit to Science Center Delft (Alexander Lokhorst)  
(Mijnbouwstraat 120, Delft)

# SMART project visit to Delft

Friday March 13



- Location: Faculty of Technology, Policy and Management (TBM),  
Jaffalaan 5  
Room: Instructiezaal 1
- 9.00 – 10.00 The use of MapleTA at TU Delft (Meta Keijzer)
- 10.00 – 11.00 Presentation on online education (Nelson Ribeiro Jorge)
- 11.00 – 12.30 Setup and validation of the international platform  
(Claudio Pardini & Marina Marchisio)
- 12.30 Good-bye to our guests

# Delft University of Technology

## Facts and Figures



- TU Delft founded in 1842
- 8 faculties
  - Architecture
  - Applied Sciences
  - Aerospace Engineering
  - Mechanical, Maritime & Materials Engineering
  - Technology, Policy & Management
  - Civil Engineering & Geosciences
  - Industrial Design Engineering
  - Electrical Engineering, Mathematics & Computer Sciences
- Delft Extension School (2014)

### corporate figures

2013

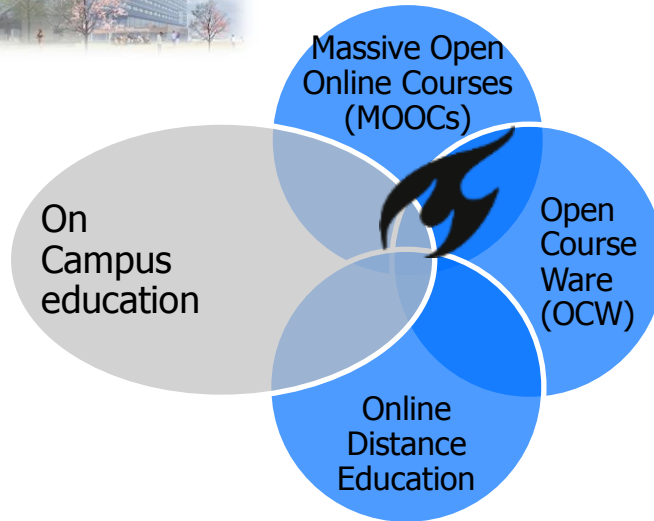
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# Online education



## Massive Open Online Courses (MOOCs)

- Learning Activities & Course Materials
- Free
- Enrolled students only, massive numbers
- Bachelors level
- Certificate of Completion

## OpenCourseWare (OCW)

- Course Materials
- Free
- Big Exposure, Worldwide audience
- Both Bachelor and Master level
- No interaction with faculty
- No accredited certificate

## On Campus Education

- Direct access to education
- Research facilities
- World Class Library
- Student social tissue
- Student projects

## Online Distance Education

- Learning Activities & Course Materials
- Paid enrollment
- Enrolled students only, limited numbers
- Master level
- Accredited Course Certificate
- Full Master Degree



Open Course Ware review:  
"After MIT, the best provider of open courseware is TU Delft".  
Visitors from over 170 countries log in.

# Delft Extension School

## Mission

*Delft Extension School for open & online education supports the mission of the Roadmap 2020 to realize a permanent position among leading universities in engineering, science & design by:*

### **1. Growing academic output:**

- More students & academic staff
- Better reputation & visibility of academic niches
- Higher & better quality international enrollments
- New learning & research networks

### **2. Improving quality of both campus & online education**

- Higher quality courses
- Better progress of students in full-time degree programs (study succes)
- Better fit with future student expectations

