

AAF1101 LINGUA INGLESE B1 3 CFU

29903-INGEGNERIA CIVILE [L-270 - ORDIN. 2019] - L-7

AAF1185 PER LA CONOSCENZA DI ALMENO UNA LINGUA STRANIERA

29904-INGEGNERIA PER L'AMBIENTE E IL TERRITORIO [L-270 - ORDIN. 2019] - L-7

aka

“B1 Basic English for Engineers”

An intermediate level lecture course conducted entirely in English by Architect Tom Rankin (BA, Princeton, MArch Harvard), for students of architectural engineering.

Schedule

Fridays 16:00 Via Eudossiana, 18 Roma (Aula 47 Leuzzi)

First meeting: 16 November 2018

Continues from 1 March 2019 until 10 May 2019

Course Programme

SEMINAR ONE This intensive intermediate-level course uses readings from applied technology as a basis for practical discussion and written exercises. Topics addressed will include new technologies of planning, management, communications, transportation, building and environmental protection. Students will be expected to come with an intermediate language level (B1) and participate actively in the class activities.

Each lesson will introduce concepts and solutions from global technology. Students will also be expected to read short texts on technology and society from the bibliography below. Readings will be made available digitally.

Course work will include reading, discussion, observation of English-language videos, and final student presentations made in English to the class.

A written exam will test students understanding of the course material and ability to write in English. A passing grade will require participation in class and at least 18/30 on the written exam.

Bibliography

Peter Thiel, Blake Masters , Zero to One: Notes on Startups, or How to Build the Future

Banham Reyner, Theory and Design in the First Machine Age. New York: Princeton Architectural Press. 1960. extracts

McDonough, William and Michael Braungart. Cradle to Cradle: Remaking the Way We Make Things. New York: North Point Press, 2002. extracts

Ratti, Carlo and Matthew Claudel. The City of Tomorrow: Sensors, Networks, Hackers, and the Future of Urban Life. New Haven: Yale University Press, 2016 extracts

Douglas Rushkoff, Team Human

Jim Collins, Built to Last: Successful Habits of Visionary Companies"

Calendar

1 March

Course Introduction

Grammar Review: questions and affirmations

8 March

Startups (Peter Thiel)

15 March

Startups (Peter Thiel)

22 March

Banham Reyner

29 March

Cradle to Cradle

5 April

The City of Tomorrow

12 April

Cradle to Cradle

19 April NO LESSON, EASTER

26 April

Built to Last

3 May

Built to Last

10 May

Steve Jobs

17 May

Elon Musk

24 May

Stewart Brand

31 May

Team Human

7 June EXAM

END OF COURSE