



ENGINEERING CONSULTING AND MANAGEMENT

October 2015

Training for Space Technologies

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Training - Overview

Space School represents a program offered by the ECM Space Technology GmbH, supported by Berlin Institute of Technology

The training programme provides the opportunity to take part in courses covering different topics in the area of energy technology, machine manufacturing and engineering. The main aim of the Berlin Summer School is to improve the programs according to the needs of Republic Kazakhstan.

Venue:

Technische Universität Berlin, Institut für Luft und Raumfahrt

Marchstr. 12, 10587 Berlin

Experts

Prof. Dr.-Ing. Orloff Michael

MBA Elena Eyngorn

Dipl.- Ing. Dmitriy Ostroverkhov

Dr. Arnold Sterenharz

Dipl. Ing. Dmitriy Bogdanov

Training Course Program

19.10.2015

07:45 – 18:00 **Meeting Point, Marchstr. 12, 10587 Berlin**
Study visit to Lab's

20.10.2015

Venue: ILR, Room 407

9:45 - 17:00 **Dipl. Ing. D.Bogdanov**
Satellite Design and launch campaign management

13:00 - 14:00 Lunch

18:00 Guided tour in Berlin in Russian

21.10.2015

Venue **F322**

09:30 - 13:00 **Dipl.-Ing. D.Bogdanov/Dipl.-Ing. Kravchenko**
Satellite Design and testing/Integration from satellites at ECM

13:00 - 14:00 Lunch

Venue **MA744**

14:00 - 16:30 **MBA, Elena Eyngorn.**
Mission philosophy

Optional

17:00 Techniques tour around Hauptbahnhof

22.10.2015

Venue **Room 407**

10:00 - 13:00 **Dipl. Ing. Dmitry Ostroverkhov/ German Sterenharz**
Laboratory works, practice/Ground Station

13:00 - 14:00 Lunch

14:00 - 17:00 Study visit to the satellite labs TU Berlin/ECM

23.10.2015

Venue	Room MA 742
09:30- 13:00	Prof. M. Orloff Innovative problem solving for space engineers and innovators
13:00 -14:00	Lunch
13:30 - 17:00	Prof. M. Orloff Innovative problem solving for space engineers and innovators

26.10.2015

10:00 - 17:00	Study visit Tour Potsdam/Integrations Labs
19:45	Tour to Reichstag

27.10.2015

Venue	Room 322/PC Pool
10:00- 13:00	Dipl.-Ing. D.Bogdanov/ Satellite Design and testing from nanosatellite
13:00 -14:00	Lunch
14:00 - 17:00	Dipl.-Ing. D.Bogdanov Separation adapter/TPLPOD
17:00-18:00	Nanosatellite center ECM

28.10.2015

Venue	322
10:00- 13:00	Arnold Sterenharz ECM Launch Policy
13:00 -14:00	Lunch
14:00-18:00	Dipl. Ing. Dmitry Ostroverkhov/ Walter Ballheimer Elements of satellite mission, satellite design and production

29.10.2015

Venue:

EN 180

09:30- 13:00

Dr.-Ing. Irina Slot

Project management. Innovation management. Phases of innovation

13:00 -14:00

Lunch

10:00– 18:00

Dr.-Ing. Irina Slot

Management of space projects and missions design.: Theory and Praxis.
Innovation management. Phases of innovation

Introduction to the course. Overview of the training subject. Human
Resource. Management. Motivation: Theory and Praxis. Innovation
management. Phases of innovation

30.10.2015

09:00– 17:00

Examine, final presentation. Discussion

Round table with the representatives of TU Berlin and Embassy of
Republic of Kazakhstan in Germany.

17:00

Final Dinner at the Embassy of Republic of Kazakhstan in Germany

TU Berlin campus map

