

Students Summer Training Program

Organized by: Geo-ARAB-Design
Hosted by: Vienna University of Technology, Austria
July 18th – 29th, 2011

The program offers an intensive training provided by academic professionals and our industrial partners, where students get first-hand and systematic experience from top experts. The working language for this program is English, i.e. all the courses are taught in English and the communication language is English.

Goals:

Upon completion, the applicant will be trained in the following skills

- Geometric problem solving skills
 - Spatial thinking and reasoning, working with literature, oral and written presentation
 - Identification, comparison, classification and analysis of attributes of two-and three-dimensional shapes
 - Exploring and exploiting congruence, similarity and symmetry
 - Use of geometric models and algorithms to solve problems in the areas of engineering (practical problems)
- Managing international projects
- Sufficient knowledge of the cultural background to successfully interact with foreign societies (Experience Europe, Personality and Society, International Organization, Approaches to Society)

The classes comprise selected topics from

- Architectural Geometry,
- Industrial Geometry, and
- Geometric Modeling using Software Systems.

In addition to this geometrical / technical education, the program will provide students with the leadership skills necessary to manage international projects. Therefore, students will be granted the opportunity to participate in lectures and training sessions on the following topics:

- Leadership Training,
- Go International,
- Technology Transfer, and
- Experience Europe.

Requirements:

Applicants should be in their second or third year of studies in one of the following or strongly related fields:

- Architecture - Mathematics - Computer Science - Civil Engineering - Mechanical Engineering

Cost:

Registration fee: 400 Euro

The cost of EE excursions will be computed based on the number of students and their travel preferences for the excursion in question.

Accommodation:

We will assist students in finding proper accommodation in the University residence at a reasonable price.

Deadline: April 30th 2011.

Applications:

Available at www.geo-arab-design.com

Or write to summerschool@geo-arab-design.com

