

**WHY THIS POST GRADUATE MASTER COURSE?**

The need of experts involved in D&B and in TBM tunnelling as well as tunnel work site management is rapidly increasing throughout the world. In this course, that has now reached its 8th edition, University lectures are merged with lectures/presentations by experts from construction companies, machines producers, design companies and professional to provide the multidisciplinary knowledge that is necessary to work in the sector.

JOB OPPORTUNITIES

The students who followed the Post-graduate Master Course are of interest for design firms, construction companies involved in tunnelling and for tunnelling tools suppliers as well as producers of tunnel boring machines. The Public Administration and the tunnel owners can also find interest in the skills gained during the course.

WHO CAN ATTEND

Graduate MSc in Engineering and Geology, Company and Public Administration Employees involved in tunnelling design and management of job sites. A maximum number of **20 participants** is foreseen. The Master Course will be activated on condition that there are at least **10 students and foreseen sponsorships have been confirmed**. The selection of students is based on the analysis of their curricula.

Final deadline for application: 23rd September 2011. 5 places will be reserved to NOT Italian candidates until the 10th July 2011. To register to the Master, please fill in the on-line Application Form, active until the expiration date at the page “**Application**” in the Master website. For more information on admission, selection procedure and Application, please visit: www.formazione.corep.it/tunnel.

PROGRAMME

The Post-Graduate Master Course will be held from **November 2011 to November 2012** in **COREP - Corso Trento 13, Torino, Italy**. Stage location: Italy and/or abroad. It involves about 450 hours of face-to-face lessons and classroom exercises, 2 months of stage in a Tunnel construction site or in a tunnelling design company and a thesis work. The course is worth a total of **60 European Credits** Transfer System (ECTS) conventional credits, corresponding to: Lectures and exercises: 45 ECTS; Technical Visits: 1 ECTS; Stage: 7 ECTS; Final thesis: 7 ECTS. The class lessons last 6/8 hours a day, 5 days a week. **The official language of the course is English.**

TUITION FEE

The tuition fee is **5.000,00 Euro** (including university fees). Participants are responsible for the journey and accommodation while in Torino. Some scholarship to cover tuition fees are under definition.

DIRECTION AND ORGANIZATION

Director: Prof. Daniele Peila, Politecnico di Torino.

Educational Project Manager: Prof. Sebastiano Pelizza, Politecnico di Torino.



Academic year 2005-06



Academic year 2007-08



Academic year 2009-10

INFORMATION : COREP Master Secretariat (Monday-Friday, 8.30-16.30), Corso Trento 13, 10129 Torino
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The new edition of the Post-graduate Master Course on “Tunnelling and Tunnel Boring Machines”, Academic Year 2011/2012 is under pending approval by the Politecnico di Torino.