



Strategic Regional Collaboration UPC's Experiences with Vocational Schools

Office of the Vice-Rector for Teaching and Students
9 November 2010



Actions by UPC schools **STUDENT PROGRAMS**



Activity: Manufacturing race-car parts as part of the
Formula Student program

School: **ETSEIB**

Who: SEAT vocational school students

Where: SEAT vocational school labs



Activity: Workshops and educational
visits

School: **EUOOT**

Who: 15 IES Joan Brossa students


Where: EUOOT laboratories






 Actions by UPC schools
STUDENT PROGRAMS


www.upc.edu

Activity: Manufacturing and modeling processes for INSPIRE-3 prototype
School: ETSEIAT
Who: 15 students from vocational schools
Where: Laboratories at the vocational schools


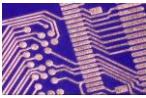



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 Actions by UPC schools
STUDENT PROGRAMS


www.upc.edu



Activity: A taste of engineering
School: EPSEVG
Who: 45 students from ETP Clot, IES Alt Penedès, IES Eugeni d'Ors
Where: Various EPSEVG laboratories

Activity: Evolution, innovation and creativity (railway-themed activity)
School: EPSEVG
Who: Students from IES les Vinyes, IES Joaquim Mir and IES F.X. Lluch
Where: Vilanova Railway Museum




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 Actions by UPC schools
STUDENT PROGRAMS




www.upc.edu

Activity: Wind farms and turbines: the future of the world's energy
School: EEI
Who: 120 students from IES Milà i Fontanals, IES Mollerussa
Where: EEI laboratories

Activity: Instrumental analysis workshops
School: EEI
Who: 15 IES Milà i Fontanals students
Where: Instrumental analysis laboratory




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 Actions by UPC schools
STUDENT PROGRAMS


www.upc.edu



Activity: Remote electronics laboratories
School: ETSETB
Who: Proposed to various vocational schools
Where: <http://ilabrs.etsetb.upc.edu/>



Activity: Construction of underwater robots
School: ETSETB
Who: Proposed (agreement to be signed)
Where: <http://seaperch.mit.edu>




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 Actions by UPC schools
INFRASTRUCTURE




www.upc.edu

Activity: Chemistry at EPSEM
School: EPSEM
Who: 20 students from IES Lluís de Peguera
Where: Dept. of Mining Resources labs




Activity: Practical training at UPC research centers
School: ETSEIB
Who: Students from Escola Professional Salesiana (3)
Where: ETSEIB mechanics laboratory

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 Actions by UPC schools
ACTIVITY EXCHANGES


www.upc.edu

Activity: Exchange of specific courses
School: FNB
Who: 81 students from the Nautical and Fishing Training School of Catalonia (ECNPC)
 Students from the FNB (fishing and fiberglass courses)
Where: FNB laboratory and simulator
 ECNPC facilities and ship



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Activity: Innovative educational project (agreement)

School: EPSC

Who: Students from Institut Illa de Banyols in the Aeromechanics and Avionics higher training cycle
EPSC students (technical activities related to aeronautics)

Where: EPSC laboratory
Institut Illa de Banyols
facilities

