

THE PROGRAM

This particular study abroad program is intended to provide TAMU students and faculty with an in-depth experience with the Spanish language, culture, history, government, and economy; consist of two upper-level courses instructed using an integrated teaching methodology; have field trips to construction sites that would involve direct interaction with design and construction professionals. Students have an option to stay in host homes or an apartment/hotel. Students will have direct interaction with Spanish students not only in a social setting, but in the classrooms as well. Students will spend the first week in Toledo and the following five weeks in Ciudad Real. Possible internships exist both in Spain and back in Texas after the completion of the program.

Track A: Courses will focus on project based learning experiences with direct application to the building and bridge infrastructure systems throughout Spain. Guest lectures will cover topics on European design codes. Field trips will involve direct interaction with key design and construction professionals.

Track B: Students will learn the basic principles of hydraulics and hydrology in the water resources engineering class and the fundamentals of geographic information systems (GIS) in the geomatics class. Additionally, a project on the use of GIS for the study of the effect of land use change on the hydrologic conditions of a developed area will be conducted. Visits to sites where the concepts learned in class can be shown will be included. Similarities and differences between the American and European case will be discussed.

Track C: Students will learn stress analysis, mechanical design, and materials properties and selection. Guest lectures and field trips will reinforce the principles learned in the classroom and provide insights into mechanical design, manufacturing, and materials selection practices in Spain and Europe and how these compare to those in the United States.

FOR MORE INFO CONTACT:

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Spain

Engineering



Dates:
May 25—July 5, 2009
(Summer 1)



CASTILLA - LA MANCHA

Castilla-La Mancha is an autonomous region in Spain situated in the heart of the Iberian Peninsula. There are many monumental cities and towns of great historical importance, like Toledo and Ciudad Real, the literary setting of the adventures of Cervante's legendary "Man from La Mancha" along the famed "Route of Don Quijote." The University of Castilla-La Mancha is a regional institution that is



fully incorporated in the Spanish university system. The university consists of four campuses with 30,000 students: Toledo, Ciudad Real, Albacete and Cuenca. The program starts in the historic city of Toledo, which is forty-five minutes south of Madrid. The old city is located on a mountain top, surrounded on three sides by a bend in the Tagus River, and contains many historical sites. In 1986, it was named to the UNESCO list of World Heritage Cities. Today, Toledo has a population of around 75,000 inhabitants. After the first week in Toledo, the program shifts to the campus in Ciudad Real. The city is a blend of old and new and has seen expansion in all aspects of infrastructure since the 1980's. It is a quiet, safe town where students can become immersed in the culture without the stress of a large city. Today, the city has about 65,000 inhabitants. In addition, the campus is heavily centered on sciences and technology, including their prestigious School of Engineering.

COURSES

Track A—Dr. Luciana Barroso

CVEN 444—Structural Concrete Design

CVEN 483—Analysis and Design of Structures

Track B—Dr. Francisco Olivera

CVEN 339—Water Resources Engineering

CVEN 423—Geomatics of Civil Engineering

Track C—Dr. Harry Hogan

MEEN 368—Solid Mechanics in Mechanical Design

MEEN 475—Materials in Design

CULTURAL AND TECHNICAL TRIPS

These trips provide exposure to Spanish history and culture and serve to investigate major historical and current engineering achievements. Tentative trips for this year's program include: Santiago de Compostela and Oporto, Barcelona (including a one day visit to Montserrat) and Segovia.

ELIGIBILITY

- Open to all Civil and Mechanical engineering majors with a minimum GPA of 2.5. Open to other engineering majors with permission of the professor.
- Good standing with TAMU and approval of professor.
- Students must attend all Study Abroad program-specific meetings and the General Orientation Workshop in the semester prior to departure.

INTERNATIONAL CERTIFICATE INFO

<http://essap.tamu.edu/international-cert.htm>

APPLICATION

Applications are available online only at
<http://studyabroad.tamu.edu/application.asp>

WEBSITE

<http://iee.tamu.edu> OR <http://studyabroad.tamu.edu>

VIDEO BLOG

<http://thinkbig.tamu.edu/blog/index.php/category/allison/>



COST

At this time the exact cost is under negotiation. However, last year's program was \$5600, which included Study Abroad administrative fees, group meals, residence hall accommodations in Toledo and Ciudad Real, Spanish language and culture classes, program-related transportation, weekend trips to Cordoba, Sevilla, Zaragoza and Valencia, international health insurance and various field trip expenses. **Not included in this cost is 6 hours of TAMU tuition and fees (which must be paid before departure), textbook(s), course supplies, round-trip airfare, passport, meals and personal expenses.**

FINANCIAL AID

As soon as you decide to participate in a study abroad program, you will want to look into types of financial assistance that are available. For complete information on funding opportunities, please visit the Study Abroad Program Office, or website. Scholarships designated specifically for study abroad include the Study Abroad Fellowship and the International Education Fee Scholarship. These awards are based on merit or financial need. Federal and state financial aid and some scholarships may often be used toward the cost of TAMU study abroad programs. Contact a Financial Aid Counselor at 845-3236 for information.