

## **CUTR'S GRADUATE TRANSPORTATION SYSTEMS ANALYSIS CERTIFICATE**

USF's Graduate Certificate in Transportation Systems Analysis curriculum provides an opportunity to advance one's credentials and knowledge in the field of transportation engineering. It includes extended knowledge in such areas as planning, analysis and design, all vital to transportation planners.

Course offerings from Civil and Industrial Engineering provide a range of contemporary materials. Four courses (12 credits) are required to complete the certificate. The courses are offered on campus or fully online.

The Graduate Certificate in Transportation Systems Analysis is offered through the Center for Urban Transportation Research in USF's College of Engineering.

### **Course Requirements (12 Semester Hours)**

This certificate is offered fully online or on campus. A total of 12 credit hours is required for those who are engineering majors.

Eligible 3-credit courses from which to choose include:

- TTE 5205 - Traffic Systems Engineering (3)
- TTE 6315 - Transportation Safety (3)
- TTE 6270 - Intelligent Transportation Systems (3)
- TTE 5501 - Transportation Planning and Economics (3)
- TTE 6507 - Travel Demand Modeling (3)
- TTE 6651 - Public Transportation (3)
- TTE XXXX - Transportation Network Analysis
- TTE 6835 - Pavement Design (3)
- EIN 5182 - Principles of Engineering Management (3)
- EIN 6934 - Special Industrial Topics I: Supply Chain/Logistics (1-3)
- EIN 6145 - Project Management (3)

### **Admission/Application Requirements**

Applicants must hold a bachelor's degree with a 3.0 GPA from a regionally accredited institution. Please visit [www.outreach.usf.edu/gradcerts/admissions.asp](http://www.outreach.usf.edu/gradcerts/admissions.asp) to learn more about the program and download an application. In addition to the application forms please submit:

- Official transcripts. International students must provide certified transcripts showing that the U.S. equivalent of the bachelor's degree has been earned.
- A resume
- A 250-word letter of interest stating your objectives in pursuing this course of study

For further information on this program, contact Dr. Steve Polzin, Program Coordinator, by email at [Polzin@cutr.usf.edu](mailto:Polzin@cutr.usf.edu), or call 813-974-9849.