Interdisciplinary Transportation Education and Workforce Development Modules (ITEWDM)

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Curriculum Redesign
- MBA with Logistics Mgt
- Major in Aviation Mgt
- Minor in Aviation
- Concentration in Transportation Mgt

Classroom/Other Strategies
- Intermodal Transportation Components
- Transportation Scholarship
- Building of Transportation Labs
- Classroom Upgrades
- Lecture Series
- Research Interns
- Evaluation of Internships

Internal
- Eisenhower Fellowship
- STI Program
- Field Interns
- Workshop of Workforce Dev.

External
- Summer Transportation Institute (STI) program will be supported by the ITEWDM. This is a 4-week summer program for middle and high school students.
- In Fall 2012, one student intern worked at the local transit agency, Hampton Roads Transit (HRT). We are pursuing other organizations to bring more opportunities for students.
- A workshop on workforce development has been planned for Fall 2013.

Three MBA courses on logistics and supply chain are modified to include intermodal transportation concepts. 28 students are currently in one of these three courses.

This major existed in the University but has been incorporated into the transportation center.

University has approved this curriculum. Currently, 57 students are pursuing this minor.

University has approved this curriculum. 53 students have taken courses related to transportation mgt.

9 undergraduate and graduate courses have been evaluated where intermodal transportation components can be incorporated at the course delivery level.

Transportation scholarships ($4,000) have been offered. There are several students who showed interest in it. We are currently evaluating the applications.

Hampton Univ Accident Research Center has acquired a driving simulator (DriveSquare). Pollution Lab. has NOx, Ozone and fine particulate measuring equipment. Infrastructure testing lab has equipment for ultra-sound testing of bridges & other structures.

One classroom for logistic courses has been upgraded with Smartboard and a computer.

Multiple guest lectures have been organized on various transportation topics like safety, aviation mgt, transportation career planning, etc.

Two students have worked on various research tasks related to transportation mgt. in the Fall 2012. Currently, two interns are conducting experiment with a driving simulator.

A survey instrument has been created. And it is being administered on the past HU transportation interns.

Mr. Henry Norris attended the annual Transportation Research Board meeting in Washington, DC Jan 2013 as an Eisenhower Fellow. He presented his research “Airport Waste Management Programs” at the meeting.

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