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1/15/2013 11:30:00 AM

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Colorado university collaborates with TTCI to launch railroad engineering master's program

Colorado State University-Pueblo in fall will begin offering a new Master of Science (MSE) degree in engineering with an emphasis on mechatronics and railroad engineering due in part to collaboration with the [Transportation Technology Center Inc. \(TTCI\)](#).

University engineering faculty members and TTCI officials began meeting in spring 2011 to discuss a railroad engineering MSE degree program, including specific content for each course and prerequisite courses. The program was approved by the university's board of governors in December 2011 and by the Colorado Commission on Higher Education in January 2012.

The first two railroad engineering courses, Vehicle

Dynamics and Railroad Structures, will be offered in fall, followed by Fleet Management and Railroad Power Systems in spring 2014.

"As the railroad industry moves toward more advanced technology, engineers are becoming more important," said TTCI Vice President of Engineering Robert Florom in a prepared statement.

When the program is fully implemented, students will be able to earn the MSE degree in one calendar year.



Clair Blong · FEMA Representative to NORAD and US Northern Command at FEMA Federal Emergency Management Agency

Great partnerships in building this educational program.

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