



January 4, 2013

FOR IMMEDIATE RELEASE

Contact Cora Zaletel, Executive Director, External Affairs

719-549-2576

TTCI and Colorado State University-Pueblo announce MS degree in Engineering

PUEBLO, Co. -- A new Master of Science (MSE) degree in Engineering with emphasis areas in mechatronics and railroad engineering will be offered by Colorado State University-Pueblo beginning next fall thanks in part to a collaboration with the Transportation Technology Center, Inc.(TTCI).

The new MS in Engineering brings to four the number of degrees offered by the CSU-Pueblo Department of Engineering: BS in Engineering with mechatronics specialization, BS in Industrial Engineering, and MS in Industrial and Systems Engineering.

TTCI professionals and CSU-Pueblo engineering faculty began meeting in the spring of 2011 to discuss a vision for a railroad engineering master's degree program at CSU-Pueblo. After months of designing specific content for each course, adjusting prerequisite courses to support the new courses, and building a shared understanding of the purpose, the program was approved by the CSU System 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 2013, 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, especially those trained in the emphasis areas CSU-Pueblo will offer,” said TTCI Vice President Engineering Robert Florom.

“The Department of Engineering has always sought to add important niche programs not offered elsewhere in Colorado,” said Dr. Jane Fraser, chair of engineering at CSU-Pueblo. “CSU-Pueblo seeks to be responsive to the needs of its region, and the addition of the railroad engineering master's degree program will strengthen the increasing concentration of the railroad-related industry in Pueblo.”

--more--

MSE DEGREE/PAGE TWO

According to Fraser, the emphasis area in railroad engineering will be strengthened by the staff and laboratories at TTCI, a world-class engineering facility located in Pueblo. A subsidiary of the Association of American Railroads of America, TTCI is a transportation research and testing organization that provides emerging technology solutions for the railway industry throughout North America and the world.

When fully implemented, the MSE degree may be completed in one calendar year.

. A successful applicant to the MSE program will have a quantitatively based baccalaureate degree from a regionally accredited college or university. Students with nonquantitatively based baccalaureate degrees may be admitted conditionally, but additional prerequisites may be required. For more information on the program, contact Graduate Coordinator Hüseyin Sarper at Huseyin.Sarper@colostate-pueblo.edu or 719-549-2889.