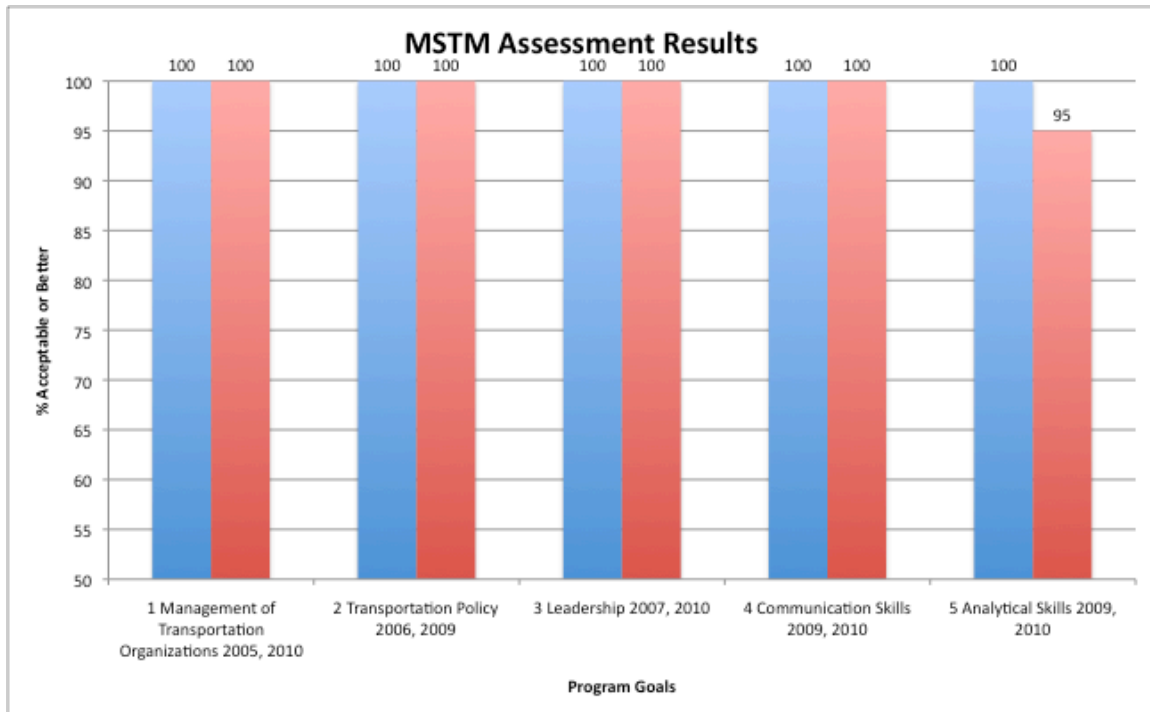


MSTM Assessment Results

MSTM Program Learning Goals	
1.	Develop a system-level perspective on the management of transportation organizations.
2.	Develop an awareness of the transportation policy environment, including fiscal mechanisms, legislative structures, and intergovernmental coordination.
3.	Develop potential for leadership in transportation organizations.
4.	Develop written and oral communication skills and techniques.
5.	Develop ability to analyze management issues and situations using appropriate conceptual approaches.



Master of Science in Transportation Management (MSTM) Assurance of Learning

Learning Goal 1	Develop a system-level and global perspective on the management of transportation organizations
Student Learning Objective	Student can demonstrate ability to analyze and discuss transportation management issues from a system-level perspective Student can compare and evaluate transportation systems in global context
Student Learning Outcomes	Students demonstrate their system-level perspective via their answers in an essay exam
MTM 201	Fundamentals of Transportation Management
Follow-up Actions	The instructor enhanced the coverage of global issues to bring the course into alignment with the CoB mission and current industry trends
Learning Goal 2	Develop an awareness of the transportation policy environment, including fiscal mechanisms, legislative structures, and intergovernmental coordination
Student Learning Objective	Student can identify and discuss key elements of the public transportation policy environment
Student Learning Outcomes	Students complete an independent research project in their capstone course that is reviewed by external transportation experts such as the Mineta Transportation Board of Trustees and various transportation research competitions
MTM 290	Strategic Management in Transportation
Follow-up Actions	To strengthen students' research and communication skills for application in their capstone projects, the chair of the MSTM program took on the instructor role in the fundamentals class (MTM 201) and offered an individual studies course (MTM 283) to provide students with guidance in designing and writing their capstone projects. This has resulted in much improved projects that have won national awards, most notably a 2009 Parker Award from the Council of University Transportation Centers
Learning Goal 3	Develop potential for leadership in transportation organizations
Student Learning Objective	Students demonstrate knowledge of basic principles of organizational leadership
Student Learning Outcomes	Students complete a major written assignment applying leadership principles to a practical transportation problem.
MTM 217	Leadership and Management of Transportation Organizations
Follow-up Actions	Students are encouraged to enter and have been successful in winning prestigious national competitions in the transportation sector. Several students have won fellowships and scholarships offered by groups such as the American Public Transportation Foundation and the Eno Transportation Foundation which earn them exposure to transportation policy experts and leaders in Washington D.C. Additionally, the program has piloted a standardized measure for its leadership assessment in

	summer 2009. It is currently in the process of comparing the utility of the written assignment and standardized measures.
Learning Goal 4	Develop written and oral communication skills and techniques
Student Learning Objective	Student can make effective oral and written presentations concerning transportation management issues
Student Learning Outcomes	Student capstone projects are evaluated using a written communications rubric
MTM 290	Strategic Management in Transportation
Follow-up Actions	Students were provided with additional guidance in the design and preparation of the capstone project via the MTM 210 and MTM 283 courses (as discussed in the follow-up actions for Goal 2 above)
Learning Goal 5	Develop ability to analyze management issues and situations using appropriate conceptual approaches
Student Learning Objective	Student can apply appropriate concepts to management situations and issues
Student Learning Outcomes	Students complete an independent research project in their capstone course that is reviewed by external transportation experts such as the Mineta Transportation Board of Trustees and various transportation research competitions
MTM 290	Strategic Management in Transportation
Follow-up Actions	Students were provided with additional guidance in the design and preparation of the capstone project via the MTM 210 and MTM 283 courses (as discussed in the follow-up actions for Goal 2 above)