



## Certificate in Transit Management and Operations

For information on the program please contact:

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**“Within the next 5-10 years more than 50 percent of transit industry workers are expected to retire.”** - APTA

UMass Transit, in partnership with the UMass Transportation Center and CTTransit, are pleased to offer “A Certificate in Transit Management and Operations” to students at the University of Massachusetts.



### This exciting program includes:

- Formal course work in Civil Engineering and the School of Management
- Internships with UMass Transit and CTTransit
- A summer workshop with transit professionals
- Opportunity for non-credit workshops through NTI, ITE and CITE
- Hands on experience in the exciting world of public transportation



Gain valuable hands-on, real world experience through internships with UMass Transit and CTTransit plus the educational background needed to become a successful leader in the transit industry.



## UMass Transit Service

UMass Transit Service is a contract carrier for the Pioneer Valley Transit Authority located in Western Massachusetts. The bus system runs 12 routes, carries 2.6 million passengers per year and travels more than 1,000,000 miles. Service is operated by 15 full time employees and 200 students who drive the buses, dispatch, clean, train, and perform minor maintenance and staff responsibilities. UMass Transit has been a fare free public transit system since 1969 and is one of the original demonstration projects funded under FT A's (formerly UMTA) Service and Methods Demonstration Program.

## CTTransit

CTTRANSIT, Inc. is under contract to provide transit management services in Hartford and other cities in Connecticut. CTTRANSIT is an operating arm of First Transit a U.S. based private transit management company with more than 51 years of experience in passenger transportation contract and management services in the United States, providing operation, and management. They provide consulting for nearly 150 systems in 42 states, Canada and Puerto Rico for transit authorities, state departments of transportation, federal agencies, municipal organizations, and private companies. First Transit employs more than 7,300 dedicated transit professionals.



## Potential Job Opportunities in the Field of Transit Operations

Operations Supervisor • Transit Manager • Manager of Safety • Assistant Manager - Transit Operations • Transit Base Superintendent • Transportation Planner • Manager - Rail Operations • General Manager • ITS Specialist

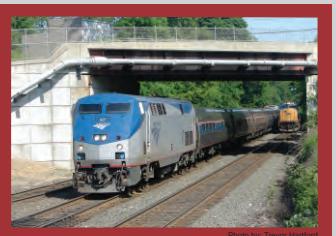


Photo by: Trevor Hartford

## Potential Courses

ACCOUNTG 221	Intro To Accounting
CEE 310	Intro to Transportation Systems
CEE 497/597	Special Topics Transit Management
CEE 509	Transportation System Analysis
CEE 611	Transport Investment & Pricing Analysis
FINOPMGT 341	Logistics & Transportation Functions
FINOPMGT 347	Intro Operations Mgt
MANAGMNT 260	Intro To Law
MANAGMNT 301	Principles Of Mgt
M&I-ENG 754	Economic Decision Making
POLISCI 214	Urban Gov & Politics
PUBP&ADM 602	Public Management
PUBP&ADM 605	Econ & Public Policy
PUBP&ADM 697J	ST-Organization Theory & Design
SCH-MGMT 521	Financial Accounting
SCH-MGMT 632	Information Marketing
SCH-MGMT 660	Marketing Management
SCH-MGMT 770	Human Resource Management

## Requirements

- UMass undergraduate or graduate student
- CEE 410/510 and 418/518 plus 3 other courses
- 400 hours internship with CTTransit and UMass Transit
- Professional Development Workshop



## Transportation Center

The University of Massachusetts Transportation Center (UMTC) was established in the early 1990's and is one of the official University Transportation Centers (UTCs) approved and funded by the U.S. Department of Transportation. A major goal of the Center is to promote comprehensive transportation research and training activities that engage academic resources throughout the University of Massachusetts System.

