

# Transportation Technology AAS

## Roadway-Concentration

Career & Technical Division

### Program Description:

The Transportation Technology Program provides a specialized distance learning education and training for the student or current industry employee having an interest in the transportation field. This unique on-line, distance learning and life-experience curriculum breaks the tether to the traditional classroom. It is designed to support a drop-in/drop-out lifelong learning philosophy of continuing education and ladder degree options from a certificate of achievement for specific skill sets to an Associate's, Bachelor's and Master's degree in transportation studies. In addition to formal academic credit, the program is designed to accept related credit equivalency from any academic, vocational, or industry training program to include documented life-long learning skills, test-out exams, industry recognized certifications, and/or continuing education units (CEU's).

The Roadway option provides roadway employees, such as truck drivers and school bus operators, with the opportunity to earn college credit for their Commercial Driver's License, endorsements, and on-the-job training, while brushing up general education skills and expanding their knowledge about the transportation industry through online or live courses.

### Career Outlook:

For the most current career outlook information, please refer to the Bureau of Labor Statistics "Occupational Outlook Handbook" found at <http://www.bls.gov/ooh/transportation-and-material-moving/heavy-and-tractor-trailer-truck-drivers.htm#tab-6>.

### Salary Forecast:

For the most current salary information, please refer to the Bureau of Labor Statistics "Occupational Outlook Handbook" found at <http://www.bls.gov/ooh/transportation-and-material-moving/heavy-and-tractor-trailer-truck-drivers.htm#tab-5>.

**Entrance Requirements:** Entry into this program requires former or current CDL training and licensure by the Department of Motor Vehicles. Please e-mail Dr. Wood, Transportation Program Coordinator, for admissions information.

### Contact Information:

Dr. Kristy Wood

Room 205

E-mail: [wood25@mctc.edu](mailto:wood25@mctc.edu)

Phone: 304-710-3396 or 1-866-N-ROLLED (1-866-676-5533)

*Our mission is to prepare students for careers, civic responsibility and life-long learning.*

**Transportation Technology - Major Code – CT40 • Roadway Concentration Code – CT46**

<b>Name:</b>					<b>ID Number 942-</b>		
<b>CAPS SCORES:</b>		<b>MATH:</b>	<b>ENGLISH:</b>	<b>READ:</b>	<b>DOE:</b>		
<b>COL 101 Faculty:</b>							
<b>Educational Counselor:</b>							
<b>Faculty Advisor:</b>							

**COURSE REQUIRED**

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
ENL 111	Written Communication <sup>1</sup>		3				
IT 101	Fundamentals of Computers (EDGE)		3				
	General Education Elective <sup>2</sup>		3				
	English/Communication Elective <sup>3</sup>		3				
	Mathematics Elective <sup>4</sup>		3				
WFD/TRAN	Misc Workforce Development Courses <sup>5</sup>		TBD				
WFD/TRAN	Approved Company Onsite <sup>5</sup>		TBD				
WFD/TRAN	Training—Craft Specific <sup>5</sup>		TBD				
	Minimum Total Credits		15-21				
TRAN 101	Intro Transportation Systems(Required)		3				
<b>Choose five additional courses from the list below:</b>							
TRAN 200	Transportation Law & Policy		3				
TRAN 210	Transportation Economics		3				
TRAN 220	Transportation Security		3				
TRAN 230	Transportation Geography		3				
TRAN 250	Transportation Information Systems		3				
TRAN 265	Transportation Management & Operations		3				
TRAN 270	Intelligent Transportation Systems (ITS)		3				
TRAN 273	ITS Systems & Applications		3				
TRAN 274	ITS Project Management		3				
MG 232	Supply Chain Management		3				
TS 102	On-The-Job Training/Fieldwork <sup>5</sup>		6-12				

**DEVELOPMENTAL COURSES REQUIRED**

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
	Hours Required for Graduation: 60						

**Earn A Degree Graduate Early (EDGE):**

This program provides students the opportunity to receive credit for their high school EDGE courses.

Students are expected to have basic knowledge of computers including operating systems such as Windows XP or 7 and Microsoft Office 2010 before entering this program. The student must register for IT 101 (EDGE) during his or her first semester or successfully pass a challenge exam for IT 101 (EDGE).

<sup>1</sup> ENL 111 has a prerequisite of placement in 100-level English, and placement in 100-level reading.

<sup>2</sup> Choose from any Math, Science, Social Science, English, Communication, History, or Humanities.

<sup>3</sup> Choose from any 100-level or above English or Communication course.

<sup>4</sup> Choose from any 100-level or above Mathematics course.

<sup>5</sup> Contact Dr. Kristy Wood: [wood25@mtc.edu](mailto:wood25@mtc.edu) or (304) 710-3396.

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