

MOBILE EQUIPMENT TECHNOLOGY

The **Mobile Equipment Technology** program will prepare students to service and maintain various types of mobile equipment. Students will understand the working functions of **diesel-powered equipment** and their sub-systems. Additionally, students will demonstrate diagnostic skills to identify component failure and perform timely and accurate repairs or service.



DEGREE AND CERTIFICATE OPTIONS	LENGTH	COST	AVERAGE WAGE	EXAMPLE JOB TITLES
Technical Certificate C - Mobile Equipment Technology	1-2 years* *Summer mandatory	\$12,365	Coming Soon	Diesel Technician/ Mechanic, Fleet Mechanic, Heavy Truck Mechanic
AAS - Mobile Equipment Technology	2+ years* *Summer mandatory	\$14,056		

WHEN CAN I START?

Students should begin Mobile Equipment Technology classes in **August**. You can enroll for general education classes throughout the year. * Class schedules and costs subject to change. Program length is contingent on when student begins the program and on placement in general education classes.

DO YOU HAVE INTERNSHIPS?

Students interested in Mobile Equipment Technology are invited to apply for the **ThinkBIG program** with Caterpillar. Admissions requirements and class times are different for this program. Find more information and apply at <https://careers.foleyeq.com/thinkbig/> (Admission to the ThinkBIG program is **not** guaranteed.)

WHEN/WHERE ARE CLASSES?

Daytime: Two days a week, 8 a.m. - 3 p.m.

Classes are at City Center Campus (301 S. Grove).

PROGRAM CONTACTS:

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PROGRAM FLOW

Mobile Equipment Technology				
Course Number	Course Title	Credits	Day: Fall Start	Day: Spring Start
TAS 105	Orientation to the Transportation Industry	1	Sem. 1	Sem. 1
TAS 160*	Transportation Industry Safety*	1	Sem. 1	Sem. 1
EQP 121	Diesel Engine Repair	4	Sem. 1	Sem. 3
TAS 128	Heating & Air Conditioning	4	Sem. 1	Sem. 3
TAS 124	Electrical I	3	Sem. 1	Sem. 3
EQP 180	Fluid Power	4	Sem. 1	Sem. 3
TAS 136	Suspension & Steering I	3	Sem. 1	Sem. 3
EQP 220	Advanced Fluid Power	2	Sem. 1	Sem. 3
TAS 133	Brakes I	3	Sem. 2	Sem. 1
EQP 206	PowerTrain Systems	4	Sem. 2	Sem. 1
EQP 135	Mobile Equipment Diagnostics Test	3	Sem. 2	Sem. 4
TAS 131	Engine Performance I	3	Sem. 2	Sem. 1
TAS 125	Electrical II	3	Sem. 2	Sem. 4
EQP 132	Fuel & Exhaust Systems	3	Sem. 2	Sem. 1
EQP 210	Dealership Fundamentals	2	Sem. 2	Sem. 4
EQP 134	Machine Specific Systems	1	Sem. 3**	Sem. 5**
TAS 225	Electrical III	2	Sem. 3**	Sem. 5**
MTH	Math Elective—MTH 108 OR MTH 112 ***	3	Sem. 3**	Sem. 5**
(AAS only)				
Communication	SPH 101 Public Speaking OR SPH 111 Interpersonal Comm	3	Sem. 3/4	Sem. 1/2/4/5
Social Science	CRJ 101 or GEO 101 or POL 101 or PSY 101 or SOC 101	3	Sem. 3/4	Sem. 1/2/4/5
Humanities	ART or ENG or HIS or MGT or PHL or REL or THR	3	Sem. 3/4	Sem. 1/2/4/5
ENG 101	Composition I ***	3	Sem. 3/4	Sem. 1/2/4/5
<p>*Students <u>must be successful</u> in TAS 160 Transportation Industry Safety to remain enrolled in program.</p> <p style="text-align: right;">**Summer Semesters</p> <p style="text-align: right;">***Placement Testing Needed</p>				