

Information Guide



Associate in Applied Science Degree
With Major in Diesel and Heavy Equipment Technology

OSUIT Truck Technician Training Program

<https://osuit.edu/trucktechnician>



**INSTITUTE OF
TECHNOLOGY**

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Truck Technician Training Program

Contact Persons

Instructors	
<p>Casey Reinhardt Faculty Oklahoma State University Institute of Technology 1801 E. 4th St. Okmulgee, OK 74447 (918) 292-4756 casey.reinhardt@okstate.edu</p>	<p>Pete Kloch Faculty Oklahoma State University Institute of Technology 1801 E. 4th St. Okmulgee, OK 74447 (918) 292-4957 pete.kloch@okstate.edu</p>
Administrative Support Personal	
<p>LaDonna Northcross Student Success & Career Advisor Oklahoma State University Institute of Technology 1801 E. 4th St. Okmulgee, OK 74447 (918)293-4710 northcr@okstate.edu</p>	<p>Program Support Strategist Oklahoma State University Institute of Technology 1801 E. 4th St. Okmulgee, OK 74447 (918) 293-5390</p>
Program Dean and Assistant Dean	
<p>Sherri Johnson sherri.johnson@okstate.edu Dean Oklahoma State University Institute of Technology 1801 E. 4th St. Okmulgee, OK 74447 (918) 293-5106</p>	

Admissions Checklist

- Complete and submit an OSU Institute of Technology Application for Admission on line at: <https://admissions.osuit.edu/apply/> or print, complete and mail the form provided at: http://www.osuit.edu/academics/forms/admissions_packet.pdf
- Obtain a Personal Identification Number (PIN) to sign online at www.pin.ed.gov. (If you are a dependent student, a parent will need a PIN as well) Complete the Free Application for Federal Student Aid (FAFSA) available at www.fafsa.ed.gov. **The OSUIT school code is 003172.** Once our office receives your information, we will notify you if additional information is needed and/or send your award letter.
- Submit official high school transcript/GED
- Submit ACT or SAT scores.

- ACCUPLACER testing may be required for placement purposes (all students will be required to take Accuplacer assessment unless they can prove proficient in a subject area with ACT sub scores in math, reading, writing or science scores of 19 or above or have transfer credits. Accuplacer testing is a computer generated assessment administered through the Assessment Center at OSUIT. (918-293-5254) http://www.osuit.edu/academics/assessment_center.php

Accuplacer sample questions at: <http://www.accuplacer.collegeboard.org>

Additional Accuplacer Skills Reviews at: http://www.osuit.edu/academics/assessment_center.php

- Provide a copy of Immunization records or complete the Immunization Record Form or the Certificate of Exemption. http://www.osuit.edu/campus_community/campus_health/
- Residential Life: Complete room and board contract – Single and Nontraditional Students Room and Board Contract for single students, Family Housing University apartments Contract if you plan to have your family with you at OSUIT. (918-293-4939) http://www.osuit.edu/campus_community/residential_life/prospective_residents.php
Students making application for campus housing are encouraged to apply early. To reserve space in campus housing students must make a deposit of \$150 (\$500 for family apartments) through the Bursar's office. (918-293-5226)
- Veterans need to visit with the OSUIT Veteran Service Office. (918) 293-4972.or email www.vetservices@okstate.edu
- Complete enrollment through the School of Diesel and Heavy Equipment (918) 293-4710, (918) 293-4730, or (918) 293-3800
- Have your student ID card made. Take your class schedule to the front desk of the Grady W. Clack Center.
- Visit MyOSUIT and activate your O-Key account. This allows you to access your OSUIT email account, check your grades, view your schedule, modify your enrollment, pay your bill, access the online classroom and receive OSUIT notifications/alerts this gives you 24/7 access to your information. www.osuit.edu/my_osuit

Admission of Transfer Students

View admission criteria at: http://www.osuit.edu/admissions/admissions_requirements.html

Estimated Cost per Semester

http://www.osuit.edu/academics/new_tuition.html

2022-2023- Estimated Cost Per Semester

\$2,000.00 - \$4,500.00 Required Tools (dependent on manufacturer and tool box selected)

Fall 2022 - Semester 1

\$1,995.00	Two Bedroom/One Bathroom Suite
\$150.00	\$150.00 single unit, \$500.00 family unit (refundable)
\$1,475.00	20 Meal Plan
\$2956.85	Tuition & fees \$227.45 (13 credit hours) <i>This is in-state tuition rate</i>
\$400.00	Books (approximate per semester)
\$6,976.85	Estimated total semester educational expenses

Spring 2023 - Semester 2

\$1,995.00	Two Bedroom/One Bathroom Suite
\$1,475.00	20 Meal Plan
\$2,729.40	Tuition & fees \$227.45 (12 credit hours) <i>This is in-state tuition rate</i>
\$400.00	Books (approximate per semester)
\$6,599.40	Estimated total semester educational expenses

Summer 2023- Semester 3

\$1,995.00	Two Bedroom/One Bathroom Suite
\$1,475.00	20 Meal Plan
\$2,729.40	Tuition & fees \$227.45 (12 credit hours) <i>This is in-state tuition rate</i>
\$400.00	Books (approximate per semester)
\$6,599.40	Estimated total semester educational expenses

Fall 2023 - Semester 4

\$1,995.00	Two Bedroom/One Bathroom Suite
\$1475.00	20 Meal Plan
\$2,729.40	Tuition & fees \$227.45 (12 credit hours) <i>This is in-state tuition rate</i>
\$400.00	Books (approximate per semester)
\$6,599.40	Estimated total semester educational expenses

Spring 2024 - Semester 5

\$1,995.00	Two Bedroom/One Bathroom Suite
\$1475.00	20 Meal Plan
\$2,729.40	Tuition & fees \$227.45 (12 credit hours) <i>This is in-state tuition rate</i>
\$6,199.45	Estimated total semester educational expenses

\$32,974.45* Estimated total educational expenses.

Cost of tuition and fees, room and board may change after Oklahoma State Regents meet in July.

*This is an estimate for in-state tuition only.

OSUIT School of Transportation & Heavy Equipment

1801 East 4th Street
Okmulgee, OK 74447-3901
Office (918) 293-4710
Fax (918) 293-4658
www.osuit.edu

OSUIT Truck Technician Training Program

Program
Diesel and Heavy Equipment

Degree Awarded
Associate in applied science

General Requirements
61 Credit hours
2.0 Minimum Overall Grade Point Average

Typical Schedule for OSUIT Truck Technician Training Program Plan of Study DHEU-216

1st Semester - 13 Credit Hours

DHEU 1153 Maintenance Fundamentals
DHEU 1143 Maintenance & Inspections
DHEU 1343 Brake Systems
CS 1013 Computer Literacy & Applications
GTGE 1111 College Cornerstone

2ed Semester - 12 Credit Hours

DHEU 1253 Electrical Circuits, Charging & Starting System
Diagnostics and Repair
DHEU 1213 Introduction to Fluid Power
DHEU 1313 Drive Train Systems
ENGL 1033 Technical Writing I

3rd Semester - 12 Credit Hours

DHEU 2523 Diesel Engine Systems
DHEU 2533 Diesel Engine Overhaul Techniques
MGMT 2413 Supervisory Management
POLS 1113 U. S. Government

4th Semester - 12 Credit Hours

DHEU 2452 Air Conditioning Systems
DHEU 2524 Capstone – Electronic Engine Interface
HIST 1493 U.S. History Since 1865
SPCH 2313 Small Group Communications

5th Semester - 12 Credit Hours

DHEU 2612 Internship

OSUIT Diesel and Heavy Equipment Program Required Tool List

1/4" drive, 6-point chrome; 3/16" - 9/16" standard;
4mm - 13mm metric; standard & deep socket;
3" extension; ratchet & storage

3/8" drive, 6-point & 12-point chrome, 1/4" - 7/8"
standard; 10mm - 19mm metric;
standard & deep; 3/8" - 7/8" 6-point deep;
3/8" - 3/4" 6-point flex; 13/16", 5/8" Spark plug
socket; 3/8" Torx bit driver set (T-27 - T-55);
universal joint; 3", 6" & 10" extension;
11 to 12" flex head ratchet & storage

1/2" drive, 6-point & 12-point chrome; 3/8" - 1 1/4"
standard; 12-point chrome; 10mm - 19mm standard
socket; 21"-24" break over bar; ratchet & storage

1/2" drive Impact 6-point 1/2" - 1 1/4" deep socket;
2" & 6" impact extension; impact universal joint &
storage

Standard flair nut wrench set 3/8" - 7/8"
Metric flair nut wrench set 9mm - 21mm
Groove joint pliers 10" - 12"
Slip joint pliers 7" - 9"
Needle nose pliers 7" - 9"
Diagonal cutting pliers, Heavy-duty 7" - 9"
Curved jaw locking pliers (Vice-grip) 10"
Screwdriver set; 4 slotted tips;
Phillips, size 1, 2, 3; stubby slotted
& Phillips

Ratcheting screwdriver set (magnetic preferred)
minimum of: Philips 1,2,3; Slotted 5/32",
7/32", 1/4"; Torx T10-25

Allen SAE hex key set (.028" - 3/8")
Allen metric hex key set (1.5 mm - 10 mm)
12-point combination wrench set 1/4" - 1 1/4"
12-point metric combination wrench set 7mm - 24 mm
16oz. ball-pein hammer
2lb soft face dead blow hammer
3 lb. cross-peen hammer
5/8x6-1/2x1/2 cold chisel
3/8x5 center punch
5/32x5x3/8 taper punch
3/16x5-1/2x5/16 pin punch
3/4" - 1" diameter Brass drift
Safety Glasses (clear)
25' tape measure

18"-21" rolling head (lady foot) pry bar
18"-24" pry bar with plastic handle and angled blade
Feeler gauge set 0.0015 to 0.035"
Feeler gauge set (bent blade) .008" - .026"
Telescoping magnetic retrieving tool
Flexible retrieving tool
Gasket scraper
2" - 3" telescoping mirror
Seal pick set
Flashlight: minimum 2D cell, prefer MSHA approved,
explosion proof
Outside micrometer 0-1" (.0001" grad.) or 0-25mm
(.001mm grad.) Swiss Style (not digital) with
ratchet stop or friction thimble, lock lever and
carbide tips
Dial caliper 0-6" or 0-150mm
6" stainless steel rule - English 1/32 & metric 1mm
1/2" drive oil filter strap wrench, heavy duty up to 9"
diameter

Digital Volt-Ohm Meter and case with minimum
specifications:

Auto shut-off, auto range, blown fuse indicator,
capacitance, continuity buzzer, data hold,
frequency, min/max, diode test function,
20A fused protection
AC Amps 600µA - 10A
AC Volts 600.0 mV - 750V
DC Amps 600µA - 10A
DC Volts 600.0 mV - 1000V
Resistance 600.0Ω - 40MΩ.
Electrical Safety ratings: CATII 750V AC, CATII
1,000V DC, CATIII 600V AC/DC

Rollaway tool cabinet: 5 or more drawers, 8000 - 12000
cubic inch storage capacity with ball bearing slides

Truck Technician Program additional required tools

Tire tread depth gauge
Dual foot air chuck
Dual foot tire pressure gauge
OSHA-approved air blow gun

Optional

Top tool chest
1/2" impact wrench
1/2" drive standard impact sockets
1/2" drive metric standard impact sockets
1/2" drive metric deep impact sockets
1/2" ratchet drive micrometer torque wrench 30-250 ft-lb
3/8" ratchet drive micrometer torque wrench 50-250 in-lb
12" pipe wrench
3/4" drive socket set

