



ASSET

Automotive Student Service Education Training



***INSTITUTE OF
TECHNOLOGY***



Ford ASSET Program

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The Ford ASSET Program



Program Objective

The Ford ASSET Program is a cooperative two-year college level student technician education program that leads to an Associate in Applied Science degree with a major in Automotive Technology. The Automotive Technologies Division at Oklahoma State University of Technology works in a joint effort with Ford Motor Company and Ford or Lincoln dealers.

Program Purpose

The purpose of the program is to upgrade the technical competency and professional level of incoming Ford dealership service technicians. It will train students to analytically diagnose and maintain Ford automotive products using recommended procedures, special tools and Ford or Lincoln service information. It will provide course content that enables successful graduates to advance in position after additional experience and to understand new systems and components as they are introduced.

Program Structure

The two-year, six semester program incorporates approximately one-half of the time designated for technical/academic education at Oklahoma State University Institute of Technology. The remaining time is allocated for on-the-job experience at sponsoring Ford or Lincoln dealerships. Each block of technical education and general education course work is followed by an immediate dealership work experience time period that reinforces the technical education. These time periods are each approximately 7 ½ weeks in length. It is essential for the success of the program that the student's education at OSUIT and dealership work experiences be closely aligned for maximum student learning and retention.

Since considerable time is spent at the dealership it is a requirement of the program that students have a sponsoring Ford or Lincoln dealership prior to enrollment. The primary responsibility for the dealership is to provide training-related employment for the students during their dealership learning /work experience, internship.

All tuition, fees, textbooks, travel expenses and housing costs are the responsibility of the student. In addition to these costs, the students are required to purchase a prescribed tool set if they do not already have one.

Program Curriculum

Technical training on Ford or Lincoln vehicles and components includes the latest developments in: Engine Repair, Heating & Air Conditioning, Manual Drivetrain & Axles, Suspension & Steering, Automatic Transmission / Transaxles, Brakes, Electrical Systems, Engine Performance, and Diesel Engine Performance and repair.

In addition to the technical curriculum, courses will be offered in areas such as Math, Composition / Intro to Speech, Psychology, U.S. History, U.S. Government, Business and Ethics to provide students

with the background necessary for effective communication of ideas and the development of interpersonal skills.

Purpose of the Internship

The internship allows students to apply, in a real world setting, what they have learned during the previous classroom/lab sessions. In addition, students become familiar with the dealership environment including its organizational structure and the competencies that are expected of a professional service technician.

Student Qualifications

Prospective students must be:

1. 18 years of age (or older) by the time of the first internship.
2. High school graduate or equivalent.
3. Able to meet OSUIT admission and academic requirements.
4. Able to meet Ford or Lincoln dealership hiring requirements.
5. Sponsored by a Ford or Lincoln dealer.
6. Possess a valid driver's license and maintain an employable driving record.
7. Willing to take a drug test if requested by Dealership sponsor. (required by many dealers)
8. Sincere about becoming the best Ford or Lincoln technician he/she can be.

Admissions Checklist

- _____ Complete and submit an OSUIT [Application for Admission](#)
- _____ Complete and submit the Free Application for Federal Student Aid (FAFSA).
<http://fafsa.ed.gov>
- _____ Complete and submit [Scholarship Applications](#)
- _____ Submit official eight semester high school transcript and any official college transcripts
- _____ Submit ACT or SAT scores. Schedule [Accuplacer Testing](#) if ACT/SAT scores do not meet minimum requirement of 19 in the areas of English, Math, and Reading.
- _____ Submit a current official driving record (available at your local Tag Office for \$25.00).
- _____ Provide Immunization Record or complete the Certificate of Exemption.
- _____ Schedule a campus [Tour](#) to meet with program instructors.
- _____ Interview with a Sponsoring Dealer and secure a sponsorship.
- _____ Complete a [Housing Application](#) (if living on campus). Students who wish to commute should contact Residential Life, 918-293-5280, about requirements for commuting.
- _____ Complete enrollment with a Ford ASSET instructor and receive your class schedule.

Important Dates

January 1, 2017

- 2017 Financial Aid Applications are available.
- OSUIT Scholarship Applications are available.
- OSUIT Admission Applications are available.

January 31, 2017

- Families receive W-2 Forms and begin to prepare tax returns so Financial Aid Applications can be completed.

February 1, 2017

- Students begin submitting OSUIT Admission Applications.
- Begin completing Free Application for Federal Student Aid (FAFSA).
- Students should be making plans to take the ACT or SAT test.

March 1, 2017

- OSUIT Scholarship Application deadline.
- Student Financial Aid award notification process begins.
- First Accuplacer assessment should be taken by this date. (A total of 3 attempts are possible)
- FAFSA should be filed by this date if possible. (More financial resources are available)

March 30, 2017

- Students notified of OSUIT Scholarship Awards.

May 22, 2017

- Enrollment begins for fall 2017 term. Enrollment will continue through September 8, 2017.

October 25, 2017

- Move-in day for students.

October 26, 2017

- First day of class for fall term.

December 15, 2017

- Final day of fall 2017 term.

For more information please call:

Ford ASSET (918) 293-5110 or 293-5400
Automotive Service Technology (918) 293-5390
Student Financial Services (918) 293-5290
Admissions Office (918) 293-4680

Responsibilities of Participants

Oklahoma State University Institute of Technology

1. Provide faculty dedicated solely to Ford ASSET Program.
2. Provide necessary time to train and update the faculty.
3. Provide advisement for Ford ASSET students.
4. Maintain up-to-date tools and equipment.
5. Grant an Associate in Applied Science degree in Automotive Technology to graduates.
6. Inform sponsoring dealers of student progress.
7. Assist dealerships with student selection and recruitment.
8. Work with the Dealership to assure involvement in internships.
9. Conduct student visitations during internships.
10. Establish a Ford ASSET Advisory Committee.
11. Schedule Advisory Committee meetings.
12. In general, oversee student recruitment and selection process.

Ford and Lincoln Dealerships

1. Agree to act as a sponsoring dealership.
2. Appoint an in-dealership internship Coordinator.
3. Recruit, interview and select prospective student(s).
4. Provide dealership coordinated internship experience in accordance with the program schedule.
5. Provide related work/learning experiences that supplement the student's most recent instruction.
6. Agree to pay the student during periods of dealership internship.
7. Provide work uniforms for student consistent with dealership policy both while at school and at the Dealership.
8. Provide any other benefits in a manner consistent with other dealership employees.
9. Assist in obtaining equipment and training aids.
10. Participate in the Advisory Committee meetings.

Student

1. Obtain and maintain a Ford or Lincoln Dealership sponsor throughout the program.
2. Provide the sponsoring Ford or Lincoln dealer with responsible and productive work effort.
3. Participate in all learning activities at scheduled times.
4. Maintain academic standards and adhere to academic policies.
5. Maintain dealership employment standards.
6. Be responsible for program cost: tuition, fees, books, tools, housing, etc.
7. Wear work uniforms, safety glasses and recommended personal safety equipment during campus class/labs and dealership internship experiences.

Student Selection Procedures

1. Students who wish to become a member of the Ford ASSET Program should make application to OSUIT early in the spring semester (January-March) if possible. This will allow time for processing financial aid packages, identification of preparatory class needs, sponsorship acquisition, etc. The application process includes the following:
 - Complete OSUIT Application for Admission.
 - Comply with OSUIT Admission Policies.
 - Complete the student assessment process. (This process includes an on campus tour)
 - Remove preparatory class needs prior to the start of the program classes.
2. Students should complete the Admission process and interview with the Ford or Lincoln dealership of their choice. Contact the ASSET faculty at OSUIT to discuss the dealer sponsor options available to you. Student sponsorship interviews should take place at the dealership and participant's goals should be discussed. **ALL STUDENTS MUST HAVE A FORD DEALER SPONSOR BEFORE ENROLLMENT CAN BE COMPLETED.** *Please speak with the Ford ASSET instructor regarding any exceptions to the sponsorship requirement.*

"Lowest Student Debt in the West"

A combination of affordable tuition, industry sponsorships, and paid internship opportunities has placed OSU Institute of Technology at the top of the 2017 list of the U.S. News "Best Colleges" for graduates with the least amount of debt in the West. In the latest rankings, OSUIT was also listed No. 5 in the Top Public Schools; No. 20 in Top Regional Colleges; and No. 7 in Best Ethnic Diversity rankings for the West Region.

Financial Assistance

Students deciding to be a part of the Ford ASSET Program may have a need for financial assistance. Students involved in the program have the opportunity to earn while they learn during the internship portion of the program. These earnings may be applied to program costs.

Additional financial aid, through loans or grants, for tuition, books, tools, on-campus room and board, etc. may be available through various financial assistance programs. Students needing financial assistance are encouraged to complete the "Free Application for Federal Students" (FAFSA) in the first quarter of each year. Electronic application is encouraged. Early application assures availability of funds, if qualified, and allows the Student Financial Service office to prepare a realistic financial aid package.

Financial aid information may be obtained by calling the Student Financial Services office at 918-293-5290.

Note: Tools required for the Ford Asset Program are considered an educational expense and should be included in education costs when applying for student financial aid.



Financial Aid Web Sites

Financial Aid Searches:

Fastweb Financial Aid Search – www.fastweb.com

College Board Scholarship Search – http://apps.collegeboard.com/cbsearch_ss/welcome.jsp

Grants and Scholarships:

FAFSA Express – www.FAFSA.ed.gov

Missouri Higher Education Loan Association (MOHELA) – www.mohela.com

Oklahoma Guaranteed Student Loan Program (OGSLP) – www.ogslp.org

Oklahoma State Regents for Higher Education – www.okhighered.org

Oklahoma Tuition Aid Grant (OYAG) – www.otag.org

www.collegefunds.net

<http://www.wiredscholar.com/>

www.freschinfo.com

<http://scholarships.com/>

www.mach25.com

www.nerdwallet.com

General Information:

Direct Student Loan Coalition – <http://directstudentloancoalition.org>

National Association of Student Financial Aid Administrators – www.nasfaa.org

National Council of Higher Education Loan Programs – www.nchelp.org

The Financial Aid Information Page – www.finaid.org

U.S. Department of Education – www.ed.gov



OSU INSTITUTE OF TECHNOLOGY
Ford ASSET Program
A.A.S. Degree – 89 Credit Hours



			Credit Hours
Semester I			
AUMF 1011	Career Cornerstone: Intro to Automotive Service		1
AUMF 1034	Ford Basic Electrical		4
AUMF 1243	Ford Electronic Systems Diagnosis		3
GTGE 1111	College Cornerstone		1
CS 1013	Computer Literacy & Applications		3
PSYC 1113	Introductory Psychology		<u>3</u>
			15
Semester II			
AUMF 1104	Internship		4
AUMF 1233	Ford Base & Electrical Steering & Suspension		3
AUMF 2473	Ford Brake Systems & Advanced Brake Diagnosis		3
ENGL 1113	Freshman Composition I		<u>3</u>
			13
Semester III			
AUMF 1204	Internship		4
AUMF 1113	Ford Engine Repair		3
AUMF 2693	Ford Climate Control		3
SPCH 1113	Introduction to Speech Communications		3
MATH 2003	Business Mathematics		<u>3</u>
			16
Semester IV			
AUMF 1304	Internship		4
AUMF 2453	Ford Engine Performance Diagnosis & Testing		3
AUMF 1353	Ford Engine Performance Theory & Operation		3
HIST 1493	U.S. History since 1865		<u>3</u>
			13
Semester V			
AUMF 2104	Internship		4
AUMF 2533	Ford Diesel Engine Performance Diagnosis		3
AUMF 1363	Ford Manual Trans/Transaxle & Driveline Repair		3
POLS 1113	U.S. Government		3
PHIL 1213	Ethics		<u>3</u>
			16
Semester VI			
AUMF 2204	Internship		4
AUMF 2613	Ford Automatic Transmission Repair & Electrical		3
AUMF 2683	Ford Capstone		3
AUMF 2573	Ford Transfer Case/4WD Diagnosis & System Repair		3
BADM 1113	Introduction to Business		<u>3</u>
			16



Ford ASSET Tool List

¼" Drive ratchet
¼" Drive 2" extension
¼" Drive 4" extension
¼" Drive universal joint
¼" Drive shallow socket set (6 pt) 4mm thru 15mm
¼" Drive deep socket set (6 pt) 4mm thru 15mm

¾" Drive ratchet
¾" Drive breaker bar
¾" Drive universal joint
¾" Drive 3" extension
¾" Drive 4" extension
¾" Drive 8" extension
¾" Drive 11" extension
¾" Drive 5/8" spark plug socket
¾" Drive shallow socket set (6 pt) 8mm thru 19mm
¾" Drive deep socket set (6 pt) 8mm thru 19mm
¾" Drive torx driver set – T15, T20, T25, T27, T30, T40, T45, T50, T55
¾" Drive Hex socket driver set – 4mm thru 14mm
¾" Drive click-type torque wrench (20-100 lb/ft)

½" Drive ratchet
½" Drive breaker bar 18" length
½" Drive ½" to ¾" impact socket adapter
½" Drive 5" impact extension
½" Drive 10" impact extension
½" Drive shallow impact socket set (6 pt) 10mm thru 24mm

Combination wrench set (12 pt) 6mm thru 24mm

Double end flare nut wrench set:

9mm x 11mm, 10mm x 12mm, 13mm x 14mm, 15mm x 17mm, 16mm x 18mm, 19mm x 21mm

Flat tip screwdriver set:

7/32" x 4", 1/4" x 6", 5/16" x 10", 3/8 x 13"

Phillips screwdriver set:

#1 x 4", #2 x 6", #3 x 8"

8" prybar

18" prybar

24 oz Ballpeen hammer



Ford ASSET Tool List - continued

24 oz Deadblow hammer
12" Adjustable pliers
7" Regular pliers
7" Needle nose pliers
7" Diagonal cutters
Convertible snap ring plier set
3/8" Flat chisel
1/2" Flat chisel
5/8" Flat chisel
3/16" Center punch
3/32" Pin punch
5/32" Pin punch
3/16" Pin punch
3/8" Starter punch
7/16" Starter punch
8" Brass drift punch

Pick set (4 piece)
Gasket scraper
Wooden handle wire brush
Magnetic pocket pick-up tool
Pocket flashlight
2"-3" Hinged mirror
Brake shoe adjusting tool
Brake spring removal tool
Brake spring pliers
Feeler gauge set (in. and mm graduations)
Tire core & stem tool
10-75 PSI tire gauge
Angled air chuck
Blow gun
Utility knife
Oil filter wrench – 2 7/8" to 3 1/4"
Oil filter wrench – 3 1/2" to 3 7/8"
10' or 12' tape measure
Fender cover
Safety glasses
Digital Multimeter

Tool costs for Snap-on, MAC, NAPA, or MATCO sets are approximately 1/2 retail price with student discount. The Ford ASSET advisory committee and faculty establish the required tool set for students in the Ford ASSET Program. Faculty members suggest students spend time talking to veteran technicians prior to tool purchase.

**FORD ASSET
OKLAHOMA STATE UNIVERSITY
INSTITUTE OF TECHNOLOGY
Candidate Application**

Please print all information:

Name

Last First Middle

Address City State Zip Area Code – Home Phone / Mobile Phone

Date of Birth – Month/Day/Year Driver License number / State of Issue Email Address

High School attended Year Graduated / G.E.D completed Yes / No
Have you taken the ACT?

Name of High School or Career Tech **Automotive Program** attended. Instructor's Name Number of semesters attended

Previous College Experience:

Name of College or University attended City/State Credit hours earned

Other educational experience (Military, Seminars, etc.)

Veteran: _____Yes _____No

Work experience:

Place of employment Supervisor's Name Phone #

Place of employment Supervisor's Name Phone #

Release of Information:

Understanding my privacy rights under the Family Educational Rights and Privacy Act (FERPA), I hereby consent to and grant OSU Institute of Technology permission to share my complete educational records with Ford Motor Company and sponsoring or potential sponsoring Ford-Lincoln Dealerships. The educational records may include, but are not limited to, attendance, grades, and assessment of performance tasks.

Student candidate signature _____

Ford ASSET student candidates return this completed form to:

Ford ASSET Program
OSUIT
School of Automotive Technology
1801 East 4th Street
Okmulgee, OK 74447
Fax (918) 293-5358



**Ford ASSET Program
Oklahoma State University
Institute of Technology
Sponsor Commitment Form**



Please print all information:

I am interested in becoming a sponsoring dealer in the Ford ASSET Program offered at OSUIT and understand the responsibilities of a sponsoring dealership. These responsibilities include a \$150.00 Rotunda graduation gift card, billed to dealer PA code and \$150.00 contributed to graduation dinner and Capstone trip.

I recommend this applicant for the Ford ASSET Program and agree to his/her sponsorship.

Dealer Name Contact Person

Address Title

City State Zip Area Code and Phone Number

Name of Student Applicant

Address

City State Zip Area Code and Phone Number

Signature of Dealer Contact Person

Mail of Fax form to:

Ford ASSET Program
OSUIT
1801 E. 4th St.
Okmulgee, OK 74447
Phone: (918) 293-5390
Fax: (918) 293-5358

January 2017