

Information Guide

SELECTECH^{aggreko} Accelerated Career Program

**Associate in Applied Science Degree
w/Major in Diesel and Heavy Equipment Technology**

Sponsored By

Aggreko LLC & Oklahoma State University Institute of Technology



Check us out on the web:

www.aggreko-selectech.com

www.osu-okmulgee.edu/hevi/

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Aggreko is the global leader in the rental of power, temperature control and oil-free compressed air systems.

Aggreko's Global Mission

To offer specialized energy solutions that are delivered by our high-quality people in such a way that we continually grow our global list of satisfied and long-term customers.

Aggreko's Singular Vision

To be the global leader in providing specialized energy solutions and critical utilities on a temporary basis.

Aggreko's Values

- Market leadership on a global basis
- Delivering premium value that is recognized and sought after by our customers
- Building and maintaining long-term relationships with customers
- Safety at every level of our operation and the protection of the environment
- People living the Aggreko personality of commitment, enthusiasm and initiative
- Constant innovation and the creation of opportunity
- Honesty and integrity

Aggreko's Products and Services

Aggreko has the world's largest fleet of rental generators, backed by the service of over 2,500 people in 31 countries from 121 locations. Our generators range in size from 10kW to 2MW, and can be used for applications ranging from simple standalone power packages up to 100 MW power stations for grids. We also supply load banks and a complete range of accessories. Aggreko generators are purpose-built to our own design in our factory in Scotland to the most exacting engineering and environmental standards.

Aggreko has the world's largest fleet of rental chillers, cooling towers, heaters, dehumidifiers and air handlers. Our temperature control equipment ranges from small portable units for internal use, up to large cooling towers capable of delivering tens of thousands of tons of cooling capacity. Customers use our equipment for both standalone cooling facilities and for process augmentation, when additional cooling capacity can provide improved operational efficiency and throughput in existing plant.

The availability of 100 percent oil-free air is often critical in maintaining the safe operation of equipment and projects. Oil-laden air contaminates pneumatic systems, fouls critical instrumentation orifices and produces unsafe environmental condensate. Aggreko's oil-free air products and services provide the compressed air, air-cooling or air-drying that is critical to many industrial processes. Our range of equipment includes compressors from 800 cfm (1360 m³/hr) to 1500 cfm (2550 m³/hr) with diesel or electric drives, as well as desiccant and refrigerant-based dryers.

Industries which frequently use Aggreko solutions include: manufacturing, shipping and ship-building, utilities, events, entertainment and movies, petrochemical, oil & gas exploration and mining, military, disaster relief and service industries, construction, and telecommunications

Aggreko has provided power and temperature control for numerous major events over the past 20 years including the summer and winter Olympics since 1996, the PGA US Open and Ryder Cup, Movie sets including Titanic and Harry Potter, and many other major concerts and road tours.

SELECTECH

Accelerated Career Program

PROGRAM OBJECTIVE

The Aggreko SelecTech Program is a cooperative two-year college level education program that leads to an Associate in Applied Science degree with a major in Diesel and Heavy Equipment Technology. The Heavy Equipment and Vehicle Institute at Oklahoma State University Institute of Technology, working in close relationship with Aggreko, administers the program activities. The Program is exclusively by and for Aggreko.

PROGRAM PURPOSE

The purpose of the Aggreko SelecTech program is to upgrade the technical competency and professional level of incoming Aggreko service technicians. It will train students to analytically diagnose, service, and maintain equipment serviced by Aggreko using recommended procedures, special tools, and service information. It will provide course content that will enable 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 SelecTech 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 Aggreko Service Centers. Each block of technical education and general education course work is followed by an immediate internship experience that reinforces the technical education. Each time period is approximately 7 ½ weeks. It is essential for the success of the program that the students' education at Oklahoma State University Institute of Technology and internships at Aggreko Service Centers be closely aligned for maximum student learning and retention.

Since considerable time is spent at the Aggreko Service Centers it is a requirement of the program that students have an approved Aggreko sponsorship, which includes the selection and acceptance by an Aggreko Service Center prior to enrollment. The primary responsibility for the Aggreko Service Center is to provide training-related employment for the students during their internships.

All tuition, fees, textbooks, 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 Aggreko serviced equipment and components include the latest developments in: Preventive and Predictive Maintenance; Diesel Engine Systems; Engine Electronic Systems; Power Generation Systems; Water Chillers; Electric Motors and Motor Controls, Electrical Distribution, Synchronization and Load Sharing, and Diagnostic Procedures. In addition to the technical curriculum, courses will be offered in areas such as Math, Technical Writing, 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 Aggreko SelecTech 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 Aggreko environment, its organizational structure, and the competencies that are expected of a professional service technician.

In addition, the internships allow the student to return home every 8 weeks to work at a local Aggreko Service Center for a competitive wage. Income earned during the 8-week internships may be sufficient to pay for tuition and expenses for the next semester of classes.

STUDENT QUALIFICATIONS

Prospective students must:

1. Be 18 or older by the time of the first internship.
2. Be a High School Graduate, or equivalent.
3. Meet OKLAHOMA STATE UNIVERSITY INSTITUTE OF TECHNOLOGY admission and academic requirements.
4. Be sponsored by Aggreko Service Center.
5. Possess a valid driver's license and maintain an acceptable driving record.
6. Meet the employment requirements for Aggreko.
7. Be sincere about becoming the best service technician he/she can be.

Admissions Checklist

First-Time College Students

- Complete and submit an Oklahoma State University Institute of Technology Application for Admission
https://www.osu-okmulgee.edu/admissions/online_admissions_form.php
- Complete and submit a Free Application for Federal Student Aid (FAFSA)
<http://www.fafsa.ed.gov/>
- Complete and submit Scholarship Applications
<http://www.osu-okmulgee.edu/admissions/scholarships/forms/scholarship.pdf>
- Submit Seven or Eight-semester, official high school transcript
- Submit ACT or SAT scores.
- Complete the Compass testing: a computer generated assessment administered through the Assessment Center at Oklahoma State University Institute of Technology
http://www.osu-okmulgee.edu/academics/assessment_center.php
View Compass Practice Assessments at <http://www.act.org/compass/sample/>
- Complete the Immunization Record Form or the Certificate of Exemption
http://www.osu-okmulgee.edu/campus_community/campus_health/immunization_form.pdf
- Interview with a Sponsoring Aggreko Service Center
Contact Oklahoma State University Institute of Technology, Heavy Equipment and Vehicle Institute (HEVi) at (918) 293-4710 for sponsoring service centers in your area.
- Sponsoring service center confirms to HEVi their commitment to sponsor you
- Complete enrollment and get class schedule

Transfer Students

- Complete and submit an Oklahoma State University Institute of Technology Application for Admission
- Complete and submit a Free Application for Federal Student Aid (FAFSA)
- Complete and submit Scholarship Applications
- Submit Official transcripts from all colleges attended
- Interview with a Sponsoring Service Center.
Contact Oklahoma State University Institute of Technology, Heavy Equipment and Vehicle Institute (HEVi) at (918) 293-4710 for sponsoring service centers in your area.
- Sponsoring service center confirms to HEVi their commitment to sponsor you
- Complete enrollment and get class schedule

Important Dates

January 1, 2008

- 2008-2009 Financial Aid Applications Are Available
- Oklahoma State University Institute of Technology Scholarship Applications Available
- Oklahoma State University Institute of Technology Admission Applications Available

January 31, 2008

- Families Receive W-2 Forms And Begin To Prepare Tax Returns So Financial Aid Applications Can Be Completed.

February 1, 2008

- Students Begin Submitting Oklahoma State University Institute of Technology Admission Applications
- Begin Completing Free Application For Federal Student Aid (FAFSA)
- Students Should Be Making Plans To Take The ACT or SAT Test

April 1, 2008

- Enrollment Begins For Fall 2008 Term. Enrollment Will Continue Through August 29

May 5, 2008

- Aggreko day at Oklahoma State University Institute of Technology

June 1, 2008

- Summer work program begins at local Aggreko Service Center

September 4, 2008

- Move-in Day for Aggreko Students Beginning 1st half Semester Classes

September 5, 2008

- First Day of Classes for Aggreko Students Beginning 1st half Semester Classes Fall 2008 Term

October 18, 2008

- Last Day of on Campus Class for Aggreko Students Fall 2008 Term

December 18, 2008

- Final Day Of Fall 2008 Term

For More Information please call:

Roy Achemire.....	(918) 293-4724
Heavy Equipment & Vehicle Institute.....	(918) 293-4710
Student Financial Services.....	(918) 293-5290
Admissions Office	(918) 293-4680

STUDENT SELECTION PROCEDURES

1. Students who wish to become a member of the Aggreko SelecTech Program should submit an application as early in the spring semester 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:
 - A) Complete OKLAHOMA STATE UNIVERSITY INSTITUTE OF TECHNOLOGY Application for Admission.
 - B) Comply with OKLAHOMA STATE UNIVERSITY INSTITUTE OF TECHNOLOGY Admission Policies.
 - C) Complete the student assessment process. (ACT or SAT tests, and Compass Assessment).
 - D) Interview with Aggreko Program faculty.
 - E) Submit a current official driving record.
 - F) Remove preparatory class needs prior to the start of the program.
2. Students who are completing the Oklahoma State University Institute of Technology Admission process are required to interview with Aggreko. The interview may take place at the corporate office and/or the Aggreko chosen Service Center. Participants' goals should be discussed. **ALL STUDENTS MUST HAVE AN APPROVED AGGREKO SPONSORSHIP BEFORE ENROLLMENT CAN BE COMPLETED.**
3. Should the interview prove successful, the Aggreko Program Coordinator will complete a Sponsorship Agreement and submit it to the Oklahoma State University Institute of Technology Program Chair.

FINANCIAL ASSISTANCE

Students deciding to be part of the Aggreko 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 applications for financial aid as early as possible. Following application submittal, allow an 8-10 week period for processing. Early application assures availability of funds, if qualified, and allows the Financial Aid Office to prepare a realistic financial aid package.

Financial Aid information may be obtained by calling:

- Student Financial Services Office at (918) 293-4684

TOOL COSTS

Tool costs for Snap-On, Mac, Matco, and NAPA sets are approximately ½ retail prices with school discount. The required tool set for students in the Aggreko program is established by the Advisory Committee and faculty. Faculty members suggest students spend time talking to veteran technicians prior to additional tool purchase.

2008-2009 - Estimated Cost Per Semester

Pre-class income earning opportunity: Before beginning class work at OSU, prospective students will be required to work at local Aggreko Service center for a 12-week paid summer job.

Fall 2008 – Semester I

Room	\$1,030.00	Two Bedroom/One Bathroom Suite
Board	\$600.00	20 Meal Plan
Tuition & fees	\$1,852.50	\$123.50*/per credit hour (15 credit hours)
Books	<u>\$260.00</u>	Note: This is in-state tuition or with nonresident tuition waiver applied (approximate per semester)
Aggreko Scholarship	-\$1,000.00	Paid directly to OSU each semester for students in good standing
\$2,742.50		Estimated total

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

Students will be required to furnish their own tools and tool box, but will be eligible for Aggreko financial assistance to offset initial costs.

Estimated Tool Cost: \$1,400.00 - \$3,000.00 (dependant on manufacturer and tool box selected)

Note: Students return home to work at local Aggreko Service Center for 8-week paid internship at the completion of 8-week OSU coursework. (Semester total time = 16 weeks)

Spring 2009 – Semester II

Room	\$1,030.00	Two Bedroom/One Bathroom Suite
Board	\$600.00	20 Meal Plan
Tuition & fees	\$1,852.50	\$123.50*/per credit hour (15 credit hours)
Books	<u>\$260.00</u>	Note: This is in-state tuition or with nonresident tuition waiver applied (approximate per semester)
Aggreko Scholarship	-\$1,000.00	Paid directly to OSU each semester for students in good standing
\$2,742.50		Estimated total

Note: Students return home to work at local Aggreko Service Center for 8-week paid internship at the completion of 8-week OSU coursework. (Semester total time = 16 weeks)

Summer 2009 – Semester III

Room	\$1,030.00	Two Bedroom/One Bathroom Suite
Board	\$600.00	20 Meal Plan
Tuition & fees	\$1,852.50	\$123.50*/per credit hour (15 credit hours) Note: This is in-state tuition or with nonresident tuition waiver applied
Books	<u>\$260.00</u>	(approximate per semester)
Aggreko Scholarship	-\$1,000.00	Paid directly to OSU each semester for students in good standing
\$2,742.50		Estimated total

Note: Students return home to work at local Aggreko Service Center for 8-week paid internship at the completion of 8-week OSU coursework. (Semester total time = 16 weeks)

Fall 2009 – Semester IV

Room	\$1,030.00	Two Bedroom/One Bathroom Suite
Board	\$600.00	20 Meal Plan
Tuition & fees	\$1,852.50	\$123.50*/per credit hour (15 credit hours) Note: This is in-state tuition or with nonresident tuition waiver applied
Books	<u>\$260.00</u>	(approximate per semester)
Aggreko Scholarship	-\$1,000.00	Paid directly to OSU each semester for students in good standing
\$2,742.50		Estimated total

Note: Students return home to work at local Aggreko Service Center for 8-week paid internship at the completion of 8-week OSU coursework. (Semester total time = 16 weeks)

Spring 2010 – Semester V

Room	\$1,030.00	Two Bedroom/One Bathroom Suite
Board	\$600.00	20 Meal Plan
Tuition & fees	\$1,852.50	\$116.00*/per credit hour (15 credit hours) Note: This is in-state tuition or with nonresident tuition waiver applied
Books	<u>\$260.00</u>	(approximate per semester)
Aggreko Scholarship	-\$1,000.00	Paid directly to OSU each semester for students in good standing
\$2,742.50		Estimated total

Note: Students return home to work at local Aggreko Service Center for 8-week paid internship at the completion of 8-week OSU coursework. (Semester total time = 16 weeks)

Summer 2010 – Semester VI

Room	\$1,030.00	Two Bedroom/One Bathroom Suite
Board	\$600.00	20 Meal Plan
Tuition & fees	\$1,482.00	\$123.50*/per credit hour* (12 credit hours) Note: This is in-state tuition or with nonresident tuition waiver applied
Books	\$260.00	(approximate per semester)
Aggreko Scholarship	-\$1,000.00	Paid directly to OSU each semester for students in good standing
\$2,372.00		Estimated total

At the completion of coursework in semester VI at OSU, the student will graduate with an associate degree and have the opportunity to work at Aggreko with full employment and benefits.

*Cost of tuition and fees are reviewed on annual basis and may change after Oklahoma State Regents meet in July of each year.

**If zero level courses are taken, a Remedial Supplemental Fee of \$18.50 per credit hour will be charged.

Estimated total for OSU tuition & fees, books, room & board: \$16,084.50

ESTIMATED STUDENT EXPENSES

Please review the following websites for additional information on the costs associated while attending classes at Oklahoma State University Institute of Technology.

http://www.osu-okmulgee.edu/admissions/tuition_and_fees.php

http://www.osu-okmulgee.edu/campus_community/residential_life/costs.php

http://www.osu-okmulgee.edu/campus_community/residential_life/meal_plans.php

Nonresident Tuition Waiver

A full nonresident tuition waiver includes only a waiver of the nonresident portion of the semester credit hour enrollment fees, and the remaining fees, as paid by Oklahoma residents still apply. The criteria for non-resident tuition waiver of out of state students enrolling at Oklahoma State University Institute of Technology are grouped into the following three (3) categories. To qualify for the Nonresident Tuition Waiver the student must:

CATEGORY I

Waiver for associate (AAS) degree

- High school graduate or completed GED
- 2.75 high school CGPA or 17 ACT
- Maintains good standing at Oklahoma State University Institute of Technology
- Must live in a campus residence hall if unmarried and under age 21 at the first day of class work

CATEGORY II

Waiver for first two consecutive academic semesters of associate (AAS) degree

- High school graduate or completed GED
- 2.0 high school CGPA or 18 ACT
- Maintains good standing at Oklahoma State University Institute of Technology
- May be renewed after first two semesters on an academic term by academic term basis if the student makes satisfactory progress
- Must live in a campus residence hall if unmarried and under age 21 at the first day of class work

CATEGORY III

Waiver for adjunct students

- Complete enrollment forms
- Objective is short term technical upgrading

More information at the OSU website: http://www.osu-okmulgee.edu/academics/forms/non_res_fee_waiv.pdf

Effective date: July 1, 2008



HEVi

**Heavy Equipment and
Vehicle Institute**
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www.osu-okmulgee.edu

aggreko SELECTECH Accelerated Career Program

Diesel and Heavy Equipment Technology

Degree Awarded

Associate in Applied Science

General Requirements:

87 Credit hours

2.0 Minimum Overall GPA

Typical Schedule for Diesel and Heavy Equipment Technology Plan of Study DHEA-086

1st Semester – 15 Credit Hours

DHEA	1114	Maintenance Fundamentals
DHEA	1124	Aggreko Diesel Engine Systems and Maintenance
MATH	2003	Business Mathematics
GTGE	1111	College Cornerstone
DHEA	1133	Internship 1

2nd Semester – 15 Credit Hours

DHEA	1213	DC/AC Electrical Fundamentals
DHEA	1223	National Electrical Code
CS	1013	Computer Literacy & Applications
ENGL	1033	Technical Writing I
DHEA	1233	Internship 2

3rd Semester – 15 Credit Hours

DHEA	1313	Aggreko Generator Systems
DHEA	1323	Aggreko Basic Refrigeration
PSYC	2313	Psychology of Personal Adjustment
ENGL	2033	Technical Writing II
DHEA	1333	Internship 3

4th Semester – 15 Credit Hours

DHEA	2413	Aggreko Motor Starting and Motor Controls
DHEA	2423	Electrical Distribution
SPCH	1113	Introduction to Speech Communications
PHIL	1213	Ethics
DHEA	2433	Internship 4

5th Semester – 15 Credit Hours

DHEA	2513	Introduction to Water Chillers
DHEA	2523	Electronic Engines
HIST	1493	U.S. History since 1865
GTCT	1183	Welding
DHEA	2533	Internship 5

6th Semester – 12 Credit Hours

DHEA	2613	Synchronizing and Load Sharing Applications
DHEA	2623	Aggreko Capstone
POLS	1113	U. S. Government

DHEA 1114 Maintenance Fundamentals

This course introduces skills and knowledge required by all service technicians including OSHA, EPA, hazardous materials, and waste regulations, precision measurement, tools, fasteners, pipe, pipe fittings, valves, tubing, tubing fittings, as well as copper tube flaring, swaging, cutting and brazing. Students are introduced to product identification and service literature usage. This is the career cornerstone course which will include a review of the Oklahoma State University Institute of Technology Handbook, a technical pre-test, and career exploration with Aggreko. Students will review the history of Aggreko and the service provided by Aggreko. Theory/Lab.

DHEA 1124 Aggreko Diesel Engine Systems and Maintenance

This course is an introduction to engine terminology and operating principles. It includes identification and function of components and engine systems. Safety and use of technical manuals are stressed. This course emphasizes the application of repair procedures for diesel engines, parts evaluation, reusability, and failure analysis. Engine servicing and preventive maintenance are examined. Theory/Lab.

GTGE 1111 College Cornerstone

College Cornerstone serves as the foundation for students to build upon during their time at Oklahoma State University Institute of Technology and is delivered through ones home department. Students must document, defend, or demonstrate the ability to perform tasks required to meet the objectives of each unit including e-mail proficiency, library research, resource tools, learning styles, study strategies, career exploration, and time and money management. Theory.

DHEA 1213 AC/DC Electrical Fundamentals

This course covers safety and the basic principles of AC/DC electrical circuits. Subjects to be included: operating characteristics of the circuits, various components, electrical laws, series circuits, parallel circuits, series-parallel circuits, magnetism, impedance, and resonance. Students will locate and identify components from schematics. The operation of electrical components such as switches, relays, contactors, starter boxes, transformers, relays, timers, capacitors and motor starting relays will also be examined. Theory/Lab.

DHEA 1223 National Electrical Code

An in-depth study of the latest National Electrical Code is taught in this course with emphasis on the total code and the licenses that can be obtained in this state and others. Theory.

DHEA 1313 Aggreko Generator Systems

This course is a study of the fundamental theory and application of electrical generators. This course introduces students to generator theory, voltage regulation theory, governor control theory, control systems, generator sizing for motor starting and power factor impact. Students will study start up, engine functions, and total system maintenance and repair. Theory /Lab Prerequisite: DHEA 1124, DHEA 1213

DHEA 1323 Aggreko Basic Refrigeration

This course covers the use of industry specialized tools as well as copper tube flaring, swaging, cutting and brazing. It includes the theory of the compression refrigeration cycle, components which make up a refrigeration system, the operation and analysis of basic refrigeration systems including evacuation, charging, recovery, control adjustments and efficiency checks. Theory/Lab. Prerequisite: DHEA 1213

DHEA 2413 Aggreko Motor Starting and Motor Controls

This course introduces the fundamental concepts of electrical motors and associated electrical controls. Topics include: ladder diagrams, schematic diagrams, contactors, motor starters, control relays, timing relays, pilot control devices, AC/DC motors and related control devices. Upon completion, students should be able to properly select, install and troubleshoot motors and associated control systems. Theory/Lab. Prerequisite: DHEA1213

DHEA 2423 Electrical Distribution

This course covers the various systems that a customer might request including single-phase 120/240 volt, and 3-phase systems that include 240 volt delta, 120/208 volt, and 277/480 volt. It covers the principles behind selecting an electrical distribution system including the advantages, disadvantages and limitations of each. The following topics will be covered: distribution equipment, system operation, planning, company policy, safety regulations, correct phasing, load capabilities, protection, and installation. Theory/Lab. Prerequisite: DHEA1213, DHEA 1313

DHEA 2513 Introduction to Water Chillers

This course is a study of the fundamentals, types, design, application and operation of chillers. Maintenance, operation, testing, diagnostics and repair of Water Chillers will be emphasized. Thermodynamics and refrigeration theory, refrigerants, and refrigeration prime movers will be reviewed. Theory/Lab. Prerequisite: DHEA1323, DHEA 2413

DHEA 2523 Electronic Engines

This course is a study of the operation, diagnosis, maintenance and repair of electronic fuel management and other computer controlled engine systems. Students are trained to use schematics and diagnostic equipment to determine the condition of electronic components including troubleshooting and performance aspects of engines and other computer controlled systems. Theory/Lab. Prerequisite: DHEA1124, DHEA 1213

DHEA 2613 Synchronizing and Load Sharing Applications

This course focuses on the microcontroller applications and control modules that are used in synchronizing and load sharing--phase match, frequency match, voltage match, kW share and kVAR share, protection to guard against damage from circulating current or reverse power and load demand start-up and shutdown. Theory/Lab. Prerequisite: DHEA1313, DHEA 2423

DHEA 2623 Aggreko Capstone

The Aggreko Capstone course will involve team projects to examine the installation, operation, service and repair of Aggreko mobile units. It will also cover controls, wiring, schematic reading, system diagnosis and safety. Special emphasis will be placed on integration of all the technical and general education classes. The course will be arranged so the student will have a very good understanding of the Aggreko business model. The course will include exit assessments and other graduation requirements. Theory/Lab.

DHEA 1133 Internship 1

An internship is a cooperative agreement between industry and education which allows students to utilize and refine skills previously learned in their educational process. All work is to be performed in accordance with industry standards and guidelines and will be supervised by industry and school representatives. Lab. Prerequisites: Student must have a valid driver's license, be in good academic

standing and have successfully completed all required core courses.

DHEA 1233 Internship 2

An internship is a cooperative agreement between industry and education which allows students to utilize and refine skills previously learned in their educational process. All work is to be performed in accordance with industry standards and guidelines and will be supervised by industry and school representatives. Lab. Prerequisites: Student must have a valid driver's license, be in good academic standing and have successfully completed all required core courses.

DHEA 1333 Internship 3

An internship is a cooperative agreement between industry and education which allows students to utilize and refine skills previously learned in their educational process. All work is to be performed in accordance with industry standards and guidelines and will be supervised by industry and school representatives. Lab. Prerequisites: Student must have a valid driver's license, be in good academic standing and have successfully completed all required core courses.

DHEA 2433 Internship 4

An internship is a cooperative agreement between industry and education which allows students to utilize and refine skills previously learned in their educational process. All work is to be performed in accordance with industry standards and guidelines and will be supervised by industry and school representatives. Lab. Prerequisites: Student must have a valid driver's license, be in good academic standing and have successfully completed all required core courses.

DHEA 2533 Internship 5

An internship is a cooperative agreement between industry and education which allows students to utilize and refine skills previously learned in their educational process. All work is to be performed in accordance with industry standards and guidelines and will be supervised by industry and school representatives. Lab. Prerequisites: Student must have a valid driver's license, be in good academic standing and have successfully completed all required core courses.

- 1/4" drive 6 point standard & deep chrome socket set**
 - 6 point standard 3/16" - 9/16"
 - 6 point deep 3/16" - 9/16"
 - 3" extension, 1/4" ratchet, socket storage
- 1/4" drive 6 point standard metric chrome socket set**
 - 4mm - 13mm
- 3/8" drive 12 pt. standard chrome socket set**
 - 1/4" - 7/8"
- 3/8" drive 6 point chrome socket set**
 - 6 point deep 3/8" - 7/8"
 - 6 point flex 3/8" - 3/4"
 - Spark plug 13/16", 5/8"
 - Universal joint, 3", 6" & 10" extension,
 - 11-12" flex head 3/8 ratchet, socket storage
- 3/8 drive 6 point chrome metric socket set**
 - 10mm - 19mm
- 3/8" drive Torx Bit Driver Set**
 - (T-27 - T-55)
- 1/2" drive socket set**
 - 6 point standard chrome 3/8" – 1 1/4"
 - 12 point standard chrome 3/8" – 1 1/4"
 - 1/2" drive ratchet, socket storage
 - 1/2" drive break over bar 21" - 24"
- 1/2" drive Impact socket set**
 - 6 point deep impact 1/2" – 1 1/4"
 - 2" & 6" impact extension
 - 1/2" drive impact universal joint
- 1/2" drive 12 point chrome standard metric socket set**
 - 10mm - 19mm
- 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"**
- Heavy-duty diagonal cutting pliers 7" - 9"**
- Vice-grip curved jaw locking pliers 10"**
- Combination screwdriver set 4 slotted tips**
 - 3 Phillips, size 1, 2 ,3;
 - Stubby slotted; stubby Phillips
- Ratcheting Screwdriver set (magnetic preferred)**
 - Minimum of: Phillips 1, 2, 3; Slotted 5/32", 7/32", 1/4"
 - Torx T10-25
- Allen SAE short arm 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 – 19 mm
- 16oz. ball-pean hammer**
- 2lb soft face dead blow hammer**
- 3 lb cross-pean hammer**
- 5/8 x 6-1/2 x 1/2 cold chisel**
- 3/8 x 5 center punch**
- 5/32 x 5 x 3/8 taper punch**
- 3/16 x 5-1/2 x 5/16 pin punch**
- 3/4" – 1" diameter Brass drift**
- 18" - 21" rolling head (lady foot) pry bar**
- 18" - 24" pry bar with plastic handle and angled blade**
- Safety Glasses (clear)**
- 25' tape measure**
- Feeler gauge set 0.0015 to 0.035"**
- Valve-tappet feeler gauge set .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

Rollaway tool cabinet:

- Minimum 5 drawer, 8000 - 12000 cubic inch storage capacity with ball bearing slides

Digital Volt-Ohm Meter and case with specifications as the Fluke 80 Series V which includes:

- 3½ Digit, 2000 Count, High resolution on volts 20mV current 20µA Ohm ranges
- DC Volt: 0-20/200mV/2/20/200/1000V ±0.1%
- AC Volt: 0-20/200mV/2/20/200/1000V ±1.5%
- DC Current: 0-20/200µA/2/20mA/2/20A ±1.5%
- AC Current: 0-20/200µA/2/20mA/2/20A ±2%
- Resistance: 0-20/200 ohm/2K/20K/200K/2000K ohm/20M ohm/2000M ohm ±1%
- Capacitance: 0-200P/200P/20nF/200nF/2µF/20µF/ ±3%
- **20A** fused protection
- Frequency: Auto ranging up to 200 kHz ±0.005%
- Continuity: < 40 ohm±20 ohm
- Diode Test function
- 100VDC/750VAC overload protection in DCV, ACV above 2V

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

Heavy Duty Oil Filter Strap Wrench

- ½ inch drive up to 9" diameter

Utility knife

Hack saw

Battery post cleaner

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
- ¾" drive socket set

Need Money?

Check out these Scholarship Resources on the Web



www.collegefunds.net



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



FastWeb Can Help You...

www.fastweb.com



www.freschinfo.com



www.mach25.com



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

- Also try searches on web search engines like “Free+scholarships” or “free+grants”
- Vary the search to include the job you would like to do and scholarships, i.e. “Medical+free+scholarships”

Search the major you would like to pursue, i.e. Some Popular Search Engines: “accounting+scholarships+free”



www.yahoo.com



www.google.com



www.lycos.com



www.askjeeves.com



www.hotbot.com



www.altavista.com



www.excite.com



www.northernlight.com

Grant and Scholarship Opportunities

FINANCIAL AID WEB SITES

FINANCIAL AID SEARCHES:

FastWeb Financial Aid Search – www.fastweb.com

Mapping Your Future – www.mapping-your-future.org

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

BANKS and LENDING INSTITUTIONS:

Bank of Oklahoma – <http://www.bankofoklahoma.com/personal/student/>

Bank of Texas - <http://www.bankoftexas.com/personal/student/>

Bank of Arkansas - <http://www.bankofarkansas.com/personal/student/>

Bank of Albuquerque - <http://www.bankofalbuquerque.com/personal/student/>

BankOne – www.bankone.com

Oklahoma Student Loan Authority (OSLA) – www.oslat.org

Nebraska Higher Ed. Loan Programs (NHELP) – www.nhelp.net

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

GENERAL INFORMATION:

Coalition for Student Loan Reform – www.cslr.org

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

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

Oklahoma State Department of Vo-Tech – <http://www.okcareertech.org/>

Project EASI – www.easi.ed.gov

The Financial Aid Information Page – www.finaid.org

US Department of Education – www.ed.gov

Grant and Scholarship Opportunities

Heavy Equipment and Vehicle Institute - OSU Institute of Technology STUDENT SERVICES SCHOLARSHIP FORM

This document details responsibilities and expectations of each party.

PARTIES TO AGREEMENT:

- #1 OSU Institute of Technology, Heavy Equipment and Vehicle Institute
1801 East 4th Street, Okmulgee, OK 74447-3901
Roy Achemire, Program Chair, office (918) 293-4724 fax (918) 293-4658
- #2 Company: _____
Address: _____
Contact person, title, telephone: _____
- #3 Student Name: _____

PARTY #1:

OSU Institute of Technology agrees to accept the above-named scholarship recipient student (#3) as a student in the above-named program-of-study (#1) and provide academic accommodations in accordance with the established policies and procedures of OSU Institute of Technology.

PARTY #2: _____ (Company) agrees to subsidize the education expenses of the scholarship recipient according to the following, as long as the student is in good standing with OSU Institute of Technology and the sponsoring Company.

First semester:

Application fee \$15.00 Housing deposit \$150.00 Required tools, up to \$ _____

Semesters: FL 2008 SP 2009 SU 2009 FL 2009 SP 2010 SU 2010

Number of semesters of scholarship: _____ Any school related expense **or** up to \$ _____

All Tuition/fees **or** up to \$ _____ All Textbooks and manuals **or** up to \$ _____

All Campus housing **or** up to \$ _____ All Supplies (pens, paper, etc **or** up to \$ _____

All meal plan **or** up to \$ _____ Misc. funds (personal items) **or** up to \$ _____

Other instructions to OSU Institute of Technology Bursar's Office:

Company will provide the university an up-dated copy of this agreement, and agrees to be billed each semester listed above, for the amount indicated above as long as the recipient is in good standing with OSU and the Company.

Institution policy on the refund of fees and tuition will be enforced.

Upon successful graduation of the sponsored student, the Company will donate the \$150 housing deposit to the HEVi departmental foundation. _____ Yes _____ No

PARTY #3:

Recipient of this scholarship accepts that continuation and/or renewal of this agreement is contingent on the scholarship recipient maintaining an over-all grade point average of no less than a 2.0, based on a 4.0 scale.

Recipient agrees to make academic records available for review by the sponsoring agent/agency.

Signature Representing Sponsor

Date

Signature of Recipient

Date



OKMULGEE

For more information, please complete this form and mail, fax, or email to:

Roy Achemire
Oklahoma State University Institute of Technology
1801 East Fourth Street
Okmulgee, OK 74447

roy.achemire@okstate.edu
Phone: (918) 293-4724
Fax: (918) 293-4658

Name: _____ Date of Request: _____

Address: _____

City: _____ State: _____ Zip: _____

Email Address: _____ GPA: _____ ACT: _____

Birthday: _____ Year of Graduation _____

Home Phone: _____ Cell Phone: _____

Name of High School: _____

Program(s) of Interest _____