

Career Encounters 2016 Session List

School of Arts and Sciences

College Preparation 101 (10:45 am)

Arts & Sciences/Noble Center Bldg 1, Seminar Room B

Faculty share advise on how to prepare oneself for college, taking advantage of resources such as, ACT Prep, Concurrent Enrollment, Technology Centers; what one needs to know about enrolling, getting financial aid & scholarships; employing success strategies, etc.

How to be Successful in College (11:45 am)

Arts & Sciences/Noble Center Bldg 1, Seminar Room B

Faculty explain strategies to help you be successful in college; developing study strategies, time management skills, and other helpful tips.

School of Automotive Technologies

Automotive Collision Repair Technology (10:45 am, 11:45 am)

Automotive Technologies Building 2A

Does everything you do or talk about revolve around vehicles? Do your friends and family members roll their eyes every time you begin talking about vehicles? Don't miss this opportunity to meet our certified Collision faculty and receive detailed information on how our Collision Repair Technology program can provide you with training, guaranteed paid internships and numerous certifications that will land you a great job upon graduation!

Chrysler CAP (10:45 am, 11:45 am)

Automotive Technologies Building 2B

Meet the Chrysler faculty and Chrysler industry representatives to learn about the College Automotive Program (CAP). Detailed information will be provided about what students will learn, how paid internships will reinforce that learning and how CAP graduates receive Chrysler certifications.

Ford ASSET (10:45 am, 11:45 am)

Automotive Technologies Building 2C

Meet the Ford faculty and Ford industry representatives to learn about the Automotive Student Service Educational Training (ASSET) Program. Detailed information will be provided about what students will learn, how paid internships will reinforce that learning and how ASSET graduates receive Ford certifications.

General Motors ASEP (10:45 am, 11:45 am)

Automotive Technologies Building 2D

Meet the GM faculty and GM industry representatives to learn about the Automotive Service Educational Program (ASEP). Detailed information will be

provided about what students will learn, how paid internships will reinforce that learning and how ASEP graduates receive GM certifications.

Pro-Tech Auto Service Technology (10:45 am, 11:45 am)

Automotive Technologies Building 2E

Meet the Pro-Tech faculty and automotive industry representatives to learn about the Independent Service Center Technician Training program. Detailed information will be provided about what students will learn, how paid internships will reinforce that learning and how Pro-Tech graduates are on track to receive A.S.E. certifications.

Toyota T-TEN (10:45 am, 11:45 am)

Automotive Technologies Building 2F

Meet the Toyota faculty and Toyota and Lexus industry representatives to learn about the Toyota Technical Training & Education Network (T-TEN) program. Detailed information will be provided about what students will learn, how paid internships will reinforce that learning and how T-TEN graduates receive Toyota or Lexus certifications.

School of Construction Technologies

Air Conditioning & Refrigeration Technology

Air Test and Balance Procedure (10:45 am, 11:45 am)

Construction Technologies Building 3A, Room 106

McIntosh Services will present an overview of Air Test and Balance (TAB) procedures in commercial facilities.

Commercial HVAC Service Technician (10:45 am, 11:45 am)

Construction Technologies Building 3A, Room 112

JCI will be presenting a day in the life of a Front Line Service Provider in the HVAC industry as a Local Union Journeyman.

Energy Management Systems (10:45 am, 11:45 am)

Construction Technologies Building 3A, Room 104

ES2, an EMS contractor, will be presenting an overview of energy management systems, and facility commissioning in the HVAC Industry.

HVAC Service Van Demonstration and Tour (10:45 am, 11:45 am)

Construction Technologies Building 3A, south side of building off Room 105

Air Assurance will be conducting a live demo and tour of a first class service van set up. A licensed Service Technician will be conducting the demonstration.

Programmable Logic Controller Demonstration (10:45 am, 11:45 am)

Construction Technologies Building 3A, Room 102

RAE Corporation, Pryor, OK will demonstrate a PLC controlled refrigeration system and careers working for RAE Corp.

Trac-Pipe Certification (10:45 am, 11:45 am)

Construction Technologies Building 3A, Room 109

A representative from OK Sales will be certifying HVAC students in proper installation of CSST.

High Voltage Linemen

High Voltage Bucket Truck Demonstration (10:45 am, 11:45 am)

Construction Technologies Building 3B

Participants will be shown how a Lineman uses a bucket truck to work safely.

High Voltage Technology (10:45 am, 11:45 am)

Construction Technologies Building 3B

An overview of the High Voltage industry.

Pole Climbing (10:45 am, 11:45 am)

Construction Technologies Building 3B

A demonstration on pole climbing will be given. (Students can participate; we have boots.)

Electrical Construction

Electrical Construction Industry (10:45 am, 11:45 am)

Construction Technologies Building 3C

An overview of the Electrical Construction Industry and OSUIT. (PLC Applications)

Lighting Survey (10:45 am, 11:45 am)

Construction Technologies Building 3C

Overview of an ongoing research project comparing different types of luminaires, studying the quality of light, life expectancy of the device, power consumption and effects on power quality.

Magnetic Fields (10:45 am, 11:45 am)

Construction Technologies Building 3C

A brief theory presentation covering magnetic fields.

Construction Management

Construction Equipment Demos (10:45am & 11:45am)

Construction Technologies Building 3D

Hertz Rentals will be providing demos on Skid steer, and Mini excavator equipment.

Hands on participation will be part of this demo.

Laser Level demo and certification (10:45am, & 11:45am)

Construction Technologies Building 3D

Construction Management faculty will be providing training and certification on laser level technology for visiting students, showing the precision used on modern construction sites.

School of Culinary Arts

Culinary Arts Experience (10:45 am & 11:45 am)

Culinary Arts/State Room - Building 4

Tours of the Culinary Arts Department.

Food Sensory (10:45 am, 11:45 am)

Culinary Arts/State Room- Building 4

Fun and interactive way to learn the reasons why you choose certain foods based on color, smell and taste.

School of Diesel & Heavy Equipment

Aggreko (10:45 am, 11:45 am)

Diesel and Heavy Equipment Building 12

Conversation on what Aggreko does, how Aggreko operates and the work environment students can expect that are employed by Aggreko.

CAT Dealer Prep (10:45 am, 11:45 am)

Diesel and Heavy Equipment Building 12

Conversation on what Dealer Prep does, how Caterpillar dealerships operate and the work environment students can expect that are employed by a CAT dealership.

Komatsu ACT (10:45 am, 11:45 am)

Diesel and Heavy Equipment Building 12

Conversation on what Komatsu ACT does, how Komatsu dealerships operate and the work environment students can expect that are employed by a Komatsu dealership.

Truck Technician (10:45 am, 11:45 am)

Diesel and Heavy Equipment Building 12

Conversation on what truck technicians do, how the trucking industry operates and the work environment students can expect that are employed by a truck transportation company.

Western Equipment Dealer Association (10:45 am, 11:45 am)

Diesel and Heavy Equipment Building 12

Conversation on what agriculture dealerships do, how agriculture dealerships operate and the work environment students can expect that are employed by an agriculture dealership

School of Energy Technologies

Natural Gas Compression (10:45 am, 11:45 am)

Chesapeake Energy Natural Gas Compression Training Center- Building 5A

Experience gas compressor operations, see demonstrations of a start/stop station using relays and a PLC. Explore careers available in the Natural Gas Industry including mechanical, electrical and instrumentation technicians. See what attracts students to the Natural Gas Compression program!

Pipeline Integrity (10:45 am, 11:45 am)

Energy Technologies Building 5B

Come check out pigs racing through a pipeline! Pigs travel through pipe, cleaning and inspecting the line. See what these devices do as they travel through a classroom size system. Learn why Pipeline Integrity and corrosion control is so important. Learn the types of jobs that are available to graduates of the Pipeline Integrity program.

Power Plant Technology (10:45 am, 11:45 am)

Energy Technologies Building 5C

Visit us and see a mini power plant in action! Watch the process of how water becomes electricity in the mini-power plant and learn how energy is transferred through several cycles until it becomes the energy that turns on lights, powers up our computers and keeps our homes cool in the summer.

School of Engineering Technologies

Civil Engineering

Don't Rock the Boat (10:45 am)

Engineering Technologies Building 6A

Donald W. Reynolds Technology Center- Lobby

Students will construct a boat using aluminum foil. Then they will drop pennies into the boat seeing how many it will hold before it sinks. The boat holding the most pennies is the WINNER!

Flinker! (11:45 am)

Engineering Technologies Building 6A

Donald W. Reynolds Technology Center - Lobby

Floater? Sinker? No – Flinker!

Indy Card Car (TBA)

Engineering Technologies Building 6A

Donald W. Reynolds Technology Center, Lobby

How far will you go? Design, build and test a race car – made from only index cards! The car that goes the farthest wins!

Engineering Graphics/Design Drafting

3D CAD Demo (10:45 am, 11:45 am)

Engineering Technologies Building 6A

Don W. Reynolds Technology Center- Room 151

Demonstration in various 3D Computer Aided Design software.

Instrumentation Engineering

Programmable Logic Controllers in Action (10:45 am, 11:45 am)

Engineering Technologies Building 6B, Room 11B

Programmable logic controllers (PLCs) in action! This session introduces you to the world of automation and control. We will demonstrate the systems controlled by PLCs, such as traffic lights, alarm system fundamentals, and other industrial automation examples.

Manufacturing Technologies

Fitting the World Together One Piece at a Time (10:45 am, 11:45 am)

Engineering Technologies Building 6A

Don W. Reynolds Technology Center- Room 143

Walk through a self-running exhibition of CNC (Computer Numerical Controlled) milling machines. Then come and join an in-depth demonstration and discussion of the application and processes of using a plastic injection mold machine. See how WE make the world!

School of Information Technologies

FBI Cyber Crime Investigations (10:45 am, 11:45 am)

Information Technologies Building 7, Room 8

This seminar will focus on existing and emerging trends related to computer security, social engineering and other emerging cyber security threats.

Laser Tag: "Build Your Own" (10:45 am, 11:45 am)

Information Technologies Building 7, Room 6

This session will focus on the hardware, open-source software, and communications technology behind Laser Tag. With time permitting, a demonstration of the final product will be shown.

Welcome to Google (10:45 am, 11:45 am)

Information Technologies Building 7, Room 4

During this session, participants will be introduced to "All Things Google."

International Affairs

Simple Steps for F-1 International Student Transfer Admission to OSUIT **(10:45 am)**

International Affairs Building 8

Grady Clack Center, South Conference Room

Session will cover advantages of the OSUIT trimester system, campus life, pre-and post- completion internship opportunities, and essentials for securing the transfer of your SEVIS Form I-20 within allowable grace period.

Building Global Competencies Through Study Abroad **(11:45 am)**

International Affairs Building 8

Grady Clack Center, South Conference Room

With the rise of globalism, discerning individuals are beginning to supplement acquired technical skills with international travel experiences during key college years, ultimately forming a competitive edge post-graduation. Join us as we explore current and future Study Abroad opportunities offered to students attending OSUIT.

School of Nursing and Health Sciences

Who wants to be a Nurse? (10:45 am & 11:45 am)

Nursing Building 9, Conference Room

Overview of Nursing; Challenges and expectations - typical day in the life of a nurse.

Prosthetic Workshop (10:45 am & 11:45 am)

Orthotic & Prosthetic Technologies Building 9A

This session provides an overview of myoelectric and traditional prosthetic principles for those with upper limb amputations. Participants will have the opportunity to control a myoelectric hand and body-powered upper limb prosthesis.

School of Watchmaking

The Art and Technology Behind Luxury Watchmaking (10:45 am, 11:45 am)

Watchmaking- Building 11

Donald W. Reynolds Technology Center (Watchmaking Labs on 2nd Floor)

Want to know what it's like to be a watchmaker? Skilled watchmakers will be demonstrating modern techniques associated with the art and craft of servicing luxury timepieces in the lobby area of the Donald W. Reynolds Technology Center. Students and faculty will also have the opportunity to try their hand as a watchmaker upstairs on the 2nd floor in OSUIT's world class watchmaking labs.

School of Visual Communications Technologies

3D (10:45 am, 11:45 am)

Building 10A

Don W. Reynolds Technology Center, Room 206

Demonstration

Adobe Illustrator (10:45 am, 11:45 am)

Visual Communications Building 10, Room 106

Demonstration

Adobe Photoshop (10:45 am, 11:45 am)

Visual Communications Building 10, Room 98 or 106A

Demonstration

Capstone Portfolio (10:45 am, 11:45 am)

Visual Communications Building 10, Room 109

Display/Presentation of recent graduate works

Commercial Photography (10:45 am, 11:45 am)

Visual Communications Building 10, Room 101 Studio

Demonstration

Conoco Gallery Exhibit (10:45 am, 11:45 am)

Conoco Gallery, Student Union

Come and go exhibit open all day with faculty and students on hand to answer questions.

Visual Communications Collective (Club) (10:45 am, 11:45 am)

Visual Communications Building 10- Lobby

Photobooth and popcorn available.

Photography Students Work (10:45 am, 11:45 am)

Visual Communications Building 10, Room 104 (Photography Computer Lab)

Display/Presentation