



OFFSHORE TRAINING BRANCH COURSE SCHEDULE FY 18

June 1, 2018

JUNE

BSEET PEC Core Compliance (24 Hrs):

This program covers health, safety, and environmental training and is SafelandUSA and SafeGulf accredited. This course provides training level certificates beyond the awareness level for over 30 selected topics. The classroom presentation is designed to build on common content in a high intensity format. This course will ensure employees are trained in the safety topics commonly required by offshore operators. This course is based on accepted industry practices.

Target Audience: Inspectors

Date: June 5-7, 2018

Time: 7:30-4:00 pm

Location: J. Schneider & Associates LTD, 325 Industrial Parkway, Lafayette, LA

Class Capacity: 15

Vendor: J. Schneiders & Associates, LTD

Enroll: DOI Learn [BSEET PEC Core Compliance](#)

BSEET Pneumatic Instrumentation (24 Hrs):

This course provides the student with the theory and operation of pneumatic controls, various pressure and level controllers, safety relief valves, and auxiliary devices. This course includes lectures and hands on lab exercises.

The following is the link for **lodging** reservations at Shell Robert Training Center:

<http://usrtec.webhotel.microsdc.us/>

Target Audience: Inspectors (Level 3); Engineers (Level 3)

Date: June 5-7, 2018

Time: 7:30am to 4:00pm

Location: Shell Robert Training Facility, 23260 Shell Lane, Robert, LA

Class Capacity: As requested

Enroll: DOI Learn [BSEET Pneumatic Instrumentation](#)



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BSEET Well Operations Inspection Administration (16 Hrs):

The purpose of this course is to prepare the Inspector to identify and perform the administrative functions associated Well Operation Inspections.

Objectives: This course will enable the participants to: Identify and apply the administrative functions associated with a well operations inspection.

Target Audience: Inspectors (Level 2)

Date: June 19-20, 2018

Time: 8:00am to 4:30

Location: 1201 Elmwood Parkway, Room 477, New Orleans, LA

Enroll: DOI Learn [BSEET Well Operations Inspection – Administration](#)

JULY

UPDATED

BSEET HPHT Well Engineering (32 Hrs)

This course will provide participants with an understanding of the differences in well design between HPHT and conventional wells. Participants will develop skills relating to the effects of HPHT on casing and fluids design; understanding the difference between working stress and probabilistic well design; the impact of high temperature on casing performance properties; casing loads associated with HPHT wells; rig equipment critical to HPHT well delivery and select rigs suitable for HPHT drilling operations; the importance of cement placement and many other elements of HPHT well engineering.

Target Audience: Engineers (Specialized)

Date: July 9-13, 2018

Location: 1919 Smith St, Suite 14042, Houston, TX

Class Capacity: 15

Vendor: petroEDGE

Enroll: DOI Learn [BSEET HPHT Well Engineering](#)



OFFSHORE TRAINING BRANCH COURSE SCHEDULE FY 18

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AUGUST

New Class

BSEET Principles of Regulatory Inspections (24 Hrs):

This course provides the participant with an understanding of the role of the Inspector to include the relationship and responsibilities within the organization, the regulations, guidelines, and policies that govern the BSEE Offshore Inspection Program. This course includes workshops, exercises, and hands-on equipment in a controlled environment.

Target Audience: New Inspectors

Date: August 7-9, 2018

Time: 7:30-4:30

Location: Shell Robert Training Facility, Robert, LA

Class Capacity: 15

Vendor: In-house

Enroll: DOI Learn [BSEE Principles of Regulatory Inspections](#)

BSEET Real Time Monitoring (24 Hrs):

This course will provide the Fundamentals of Real-Time Monitoring related to drilling, completion, workover and production operations.

Target Audience: Engineers (Specialized); Inspectors (Add)

Date: August 27-29, 2018

Time: 8:00 – 4:30pm

Location: 1201 Elmwood Parkway, Rm 477, New Orleans, LA

Class Capacity: 15

Vendor: OESI

Enroll: DOI Learn [BSEET Real Time Monitoring](#)



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SEPTEMBER

BSEET Primary Cementing (28 Hrs):

This course will provide participants with an understanding of cementing technology, used in both primary and remedial cementing operations. Slurry design concepts, additives used, and their purpose will be discussed so that the participants will be able to evaluate proposed designs and understand the purpose and importance additives play in cement system design. The importance of mud removal and methods, which may be chosen to accomplish effective mud removal, will be explored. Job and procedure design will be developed by the participants and the use of cement simulation and design software will be covered.

Bulk blending and handling equipment will be discussed to ensure each participant is familiar with basic cementing equipment. New products and uses of cement in oil and gas wells is an important element of successful well construction. How these new technologies can be used to combat gas migration, lost circulation, and cement quality will be covered in detail. Cement job evaluation will be covered, with specific training on cement evaluation logs and interpretation.

Hands on workshops and case studies will be used to explain a number of different cementing topics. Cement performance related to industry standards and the standards to deep water operations will also be discussed.

Note: This class will require each person to wear appropriate PPE. The Offshore Training Branch will provide the hard hats and safety glasses. Each individual is responsible for their own Safety shoes. If you have been issued a uniform be sure to wear it to training. Any additional questions may be addressed to Joel Moore (joel.moore@bsee.gov.)

Class Hours: Tues – Thurs 8-430
Fri – 8am to 12pm

Target Audience: Inspectors (Level 4) Engineers (Level 3)

Date: September 11-14, 2018

Location: Kellyville Training Center, 16879 W 141st St S, Kellyville, OK

Class Capacity: 15

Vendor: NExT

Enroll: DOI Learn [BSEET Primary Cementing](#)



OFFSHORE TRAINING BRANCH COURSE SCHEDULE FY 18

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New Class

BSEE Corrosion Assessment (24 Hrs):

This course provides the participant with the fundamentals of the corrosion process, basic knowledge of protective coatings and splash zone systems. In addition to the basic knowledge of corrosion protection systems, the participant will be provided the guidelines and application for the use of the A-B-C grading system to consistently assess corrosion protection systems in the Offshore Industry environment.

Target Audience: Inspectors (Level 3) and Engineers (Level 3)

Date: September 18-20, 2018

Location: 45600 Woodland Rd, RM 475, Sterling, VA

Vendor: NACE

Enroll: DOI Learn [BSEE Corrosion Assessment](#)



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Online Courses:

Aviation Safety Courses

See the [BSEE National Aviation Management Plan](#), Appendix D for details of your aviation training requirements.

You must register on the IAT site to participate in any of the required Aviation Safety Courses. The following link will take you to the sign in page: <https://www.iat.gov/logon.asp>. Once you are signed into IAT, select the Find A Course Tab. There is a drop down menu to choose the desired course.

Passengers. BSEE employees whose PD or job duties require offshore travel and who fly more than 2 times per year are required to take IAT courses A-100, A-116, A-200, and A-310. These courses are available online (www.iat.gov/) and **must be taken initially and every three years thereafter.**

Basic Aviation Safety A-100. Covers employee safety while working around helicopter and airplane operations. Topics include passenger responsibilities, ground safety, air safety, five steps to a safe flight, and flight following.

Target Audience: Inspectors/Offshore Travelers
Class length: 5.0 hours
Date: Available 24/7

General Awareness Security A-116. This course is designed to provide students with an introduction to DOI and USFS departmental aviation security requirements.

Target Audience: Inspectors/Frequent Offshore Travelers
Class length: 30 minutes
Date: Available 24/7

A-200 Mishap Review. This course provides an annual overview of the National Transportation Safety Board releasable information from the DOI and USFS aviation mishaps.

Target Audience: Inspectors/Frequent Offshore Travelers
Class length: 2 hours
Date: Available 24/7



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A-310 Overview of Crew Resource Management. This training provides information on the roles and responsibilities of flight and aircrew members in aviation operations. Emphasis is placed on communication needs to ensure a safe flight during routine operations and during an emergency. It covers leadership and communication skills, which will create an environment that encourages crewmember involvement leading to safe aviation operations.

Target Audience: Inspectors/Frequent Offshore Travelers

Class length: 2 hours

Date: Available via webinar or classroom only

Supervisors: BSEE supervisors of employees who use aircraft to accomplish BSEE missions (i.e. Supervisory Inspectors) are **required to take the M-3 and A-200 courses**. Both the M-3 and the A-200 courses are available online and **must be taken initially upon assignment and every three years thereafter**.

Managers: BSEE Managers who are responsible and accountable for using aviation resources to accomplish bureau programs (i.e. Regional and District Managers, Regional Supervisors, etc.) **must complete the M-3 Aviation Management for Supervisors or the M2 Aviation Management Line Managers Briefing course every 3 years**.

M-3 Aviation Management Training for Supervisors. Developed for first- and second-line supervisors directly responsible for employees who utilize aircraft in performance of their duties. Areas of emphasis include: DOI aviation safety and accident prevention program, procurement of aviation services, documentation of payment procedures, responsibilities to employees, and risk management. Re-currency requirements: every three years. Class length: 3 hours

Target Audience: Supervisors and Managers of Frequent Offshore Travelers

Class length: 3 hours

Date: Available 24/7

NOTE: Upon completion of all Aviation Modules, the employee must sign into DOI Learn and Self Certify completion.



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BSEET Marine Debris Awareness

The BSEE [Notice to Lessees 2015-G03](#) requires Marine Debris awareness training **annually** for all offshore employees and contractors actively engaged in offshore operations. The training consist of two parts: (1) viewing a marine trash and debris training video or slide show and (2) receiving an explanation from management personnel from the lessee or designated lease operator that emphasizes their commitment to the message of the NTL. Marine Debris Awareness is identified as Level 1 training for BSEE Inspectors.

Once you've completed viewing the video or the slides, return to your DOI-Learn account to self-certify.

Target Audience: Inspectors

Date: Available 24/7

Video: <https://www.BSEE.gov/debris>

Self-Certify: DOI Learn [BSEET 2018 Marine Debris Awareness](#)

Safety: Personal Protective Equipment

****NOTE: This course is the required Level 1 course for Industry Personal Safety Standards.**

Personal protective equipment (PPE) includes all clothing and other work accessories designed to create a barrier against workplace hazards. Hard hats, goggles, face shields, steel-toed shoes, respirators, aprons, gloves, and full body suits are all forms of personal protective equipment. At the end of this course, you should be able to: Describe the basics of conducting a hazard assessment of the workplace; Identify the different types of PPE and the proper use and care of the equipment; and Select appropriate PPE for a variety of circumstances.

Target Audience: Inspectors (Level 1)

Date: Available 24/7

Enroll: DOI Learn [Safety: Personal Protective Equipment](#)



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BSEET 3D Drilling Rig Tour

This course is a simulated tour of an oil and gas drilling rig. The video simulation highlights components and terminology associated with a drilling rig. Two suggested resources are identified: The Dictionary for the Oil and Gas Industry and Petroleum Geology Exploration, Drilling & Production (Text Book).

BSEE/OORP/OTB does not sell or endorse these resources.

Target Audience: Individuals seeking introductory terminology for the Oil and Gas Industry.

Date: Available 24/7

Enroll: DOI Learn: [BSEET 3D Drilling Rig Tour](#)

SEMS II Awareness Training for Oil field Employees

Online training course for the New Safety and Environmental Management System (SEMS) II regulation, 30 CFR 250 Subpart S.

Target Audience: Inspectors

Date: Available 24/7

Enroll: DOI Learn [BSEE SEMS II Awareness Training for Oil Field Employees](#)

Petroleum Engineering Online Certification Program – Texas A&M

The mission of the certificate program is to address the needs and interests especially of those individuals who are interested in expanding and updating their knowledge and information in specialized areas of petroleum engineering such as asset management and economics, drilling, formation evaluation, natural gas, production, reserves, and reservoir engineering.

Online training in Petroleum Engineering principles for Non-Petroleum Engineers who graduated with an undergraduate degree within the last 5 years.

Target Audience: Engineers

Enroll: http://www.pe.tamu.edu/DL_Program/certificates.html

THIS IS NOT IN DOI LEARN