

Medical Gas Refresher Course Syllabus

UA 4012

Date: 6/01/2017

Instructor Contact Information

Instructor	Email	Phone
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Course Description-

Prepare current medical gas instructors to perform and practice fundamental teaching procedures for recertification in a classroom setting, working with the latest edition of the NFPA 99 Health Care Facilities Code, NFPA 99 Medical Gas and Vacuum Installation Handbook and the ASSE/IAPMO 2015 Series 6000 Professional Qualifications Standard for Medical Gas Systems Personnel and ASME Section IX

Credit Hours- Twenty (20) hours

Grading- Class Grade A-F of N (no credit due to attendance)

Prerequisites-

Participants must have a current NITC ASSE 6010 Medical Gas Systems Installers Certification, a current Brazing Credential Qualification to ASME Section IX and a current or previous ASSE 6050 Medical Gas Systems Instructors Credential.

Books/Material-

- NFPA 99 Health Care Facilities Code, 2018 Edition
- NFPA 99 Medical Gas and Vacuum Installation Handbook
- ASSE/IAPMO 6000 Professional Qualifications Standard for Medical Gas Systems Personnel, 2015 Edition

Author and Year of Book-

- NFPA (2018)

- Jonathan R Hart (2018)
- ASSE 2015

Student Learning Outcomes *(2-4 outcomes required, you must have an assessment for each outcome)*

For each topic covered, describe what one skill or activity will demonstrate student mastery.

1. Students will be able to identify the modification and expansion of the codes and standards associated with medical gas and vacuum systems
 - a. Assessment – examination quiz of containing 25 questions
2. Students shall be able to explain the basic steps taken to create a jeopardy game for their classroom needs
 - a. Assessment – Students will create a game session
3. Students will be able to demonstrate the association of numbers in a deck of cards, a set of dice or random drawing of numbers, to those numbers in the NFPA 99.
 - a. Assessment- Students will be quiz during the learning session
4. Students will gain an understanding of the brazing procedures, required material, relevant standards and qualification range.
 - a. Assessment- examination quiz of containing 10 questions
5. Students will be able to match the correct answers on the worksheets with the sections of the NFPA 99 code and the ASSE 6000 standard.
 - a. Assessment- examination quiz of containing 20 questions
6. Students will be able to show comprehension of fundamental words of text used in worksheets developed on QuizLet, as they relate to code sections.
 - a. Assessment- examination quiz of containing 25 questions

Objectives: List 3-5 objectives per each outcome

What will students need to do to successfully achieve the learning outcomes?

1. Students must score a minimum of 75% on written assignments
2. Students be able to describe the basic steps in creating classroom games.
3. Students will need demonstrate that they can associate the various numbers in the codes and standards
4. Students will need demonstrate that they understand the essensals of brazing BPS'S and PQR's
5. Students will need demonstrate that they can maneuver through the codes and standards
6. Students will setup an account on Quizlet.

1	Quiz Set 1 (5-Sets)
2	Quiz Set 2 (5-Sets)
3	Quiz Set 3 (5-Sets)
4	Quiz Set 4 (5-Sets)
5	Quiz Set 5 (5-Sets)
6	Quiz Set 6 (6-Sets)
7	Quiz Set 7 (6-Sets)
8	2018 Power Point
9	Brazing Power Point
10	2018 Quick Ref. Sheet
11	2018 Magic Numbers
12	2015-2018 Changes

A vertical list of 12 numbered items. Each item consists of a colored header box on the right containing a white number, and a thin horizontal line of the same color extending to the left. The colors transition from yellow at the top to green at the bottom.

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