THE AMERICAN UNIVERSITY IN CAIRO

100 YEARS

SCHOOL OF SCIENCES AND ENGINEERING

Engineering and Science Services

ASME

SETTING THE STANDARD

ASME – AUC JOINT COURSES

2020/2021

DESCRIPTION

We proudly announce the Fifteenth year of the collaborative effort between the American Society of Mechanical Engineers (ASME) and Engineering & Science Services at the American University in Cairo (AUC). The American Society of Mechanical Engineers has offered for decades a variety of services and training programs as part of its commitment to helping practicing engineers strengthen their professional and managerial skills and helping engineering students promote their careers. Engineering & Science Services at AUC has, for more than 35 years, offered training programs that cover the latest technology to engineers in Egypt and the Middle East.

This collaboration enables engineers in Egypt and the Middle East benefit from the ASME training programs and enables Engineering & Science Services broaden its services to industry in Egypt and the region. Under this collaboration, ASME and AUC:

(a) Provide certificates of completion for all participants who register and successfully complete ASME Authorized Courses Offered by AUC,

(b) Record the registered participants' continuing education unit ("PDH") credits, and

(c) Maintain records of each registered participant's PDH credits for a period of 7 years.

The registration fee for each course is LE (7800) for Non-Egyptians. Egyptian residents are given tuition scholarship that provides them with reduced actual rates of L.E.3900 per course. ASME members receive a 10% discount. The fees should be paid in cash at the Engineering & Science Services office or by check payable to the American University in Cairo. Letter of authorization from companies are acceptable.

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Each course offers 30 hours of instructions; during daytime (9:00a.m.- 3:15p.m.) or afternoon (4:00pm – 9:00pm). These courses can be taken individually and their PDH's would be accumulated. If the courses are taken with the following structure, they would give the attendant: The Specialization Certificate in Pressure Vessels and Piping.

The requirements for the "Specialization Certificate in Pressure Vessels and Piping" are as follows:

1- Complete 3 courses from group A

2- Complete one course of group B

3- Complete 2 elective courses from groups A, B, or C

4- Complete a case study under the Capstone Project course PROJ01

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List of courses offered arranged by groups

GROUP	ASME CODE	CODE	TITLE	DATE
A	PV&P 01	GP504	ASME Section VIII Division 1 Design and Fabrication for Pressure Vessels	November 29 - December 26, 2020
A	PV&P 02	GP505	ASME Section VIII Division 2	December 27, 2020- January 23, 2021
A	PV&P 03	GP512	Repair and Alteration of Pressure Vessels	May 23 - June 19, 2021
A	PV&P 04	GP503	ASME Section IX Welding and Brazing	June 6 - July 3, 2021
A	PV&P 05	GP509	Non–Destructive Testing	April 4 – May 1, 2021
B	PV&P 06	GP500	ASME B 31.1 Power P iping Design and Fabrication	March 7 – April 3, 2021
B	PV&P 07	GP501	ASME B 31.3 Process Piping	September 6 – October 3, 2020
B	PV&P 08	GP502	ASME B 31.8 Gas transmission and Distribution Piping Systems	January 10 – February 6, 2021
C	ENPD 01	GP513	Selection and Operation of Pumps for the Petroleum Facilities	March 28 – April 24, 2021
C	ENPD 02	GP510	Project Management for Engineers and Technical Professionals	June 20 - July 17, 2021
C	ENPD 03	GP511	Reliability Centered Maintenance	September 27 – October 24, 2020
C	ENPD 04	GP506	Geometric Dimensioning and Tolerancing Level 1	October 18, 2020- November14, 2020
C	ENPD 05	GP507	Geometric Dimensioning and Tolerancing Level 2	December 6, 2020 - January 2, 2021
C	ENPD 06	GP508	Inspection Based Risk	February 14 – March 13, 2021
D	PROJ 01		Capstone Project	To be arranged with instructors

* These dates are subject to change

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ASME CODE	CODE	TITLE	DATE
PV&P 07	GP501	ASME B 31.3 Process Piping	September 6 – October 3, 2020
ENPD 03	GP511	Reliability Centered Maintenance	September 27 – October 24 , 2020
ENPD 04	GP506	Geometric Dimensioning and Tolerancing Level 1	October 18 , 2020 - November14, 2020
PV&P 01	GP504	ASME Section VIII Division 1 Design and Fabrication for Pressure Vessels	November 29 - December 26, 2020
ENPD 05	GP507	Geometric Dimensioning and Tolerancing Level 2	December 6, 2020 - January 2 , 2021
PV&P 02	GP505	ASME Section VIII Division 2	December 27, 2020 - January 23 , 2021
PV&P 08	GP502	ASME B 31.8 Gas transmission and Distribution Piping Systems	January 10– February 6 , 2021
ENPD 06	GP508	Inspection Based Risk	February 14 – March 13 , 2021
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PROJ 01		Capstone Project	To be arranged with Instructors

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