



نقابة المهندسين الأردنيين
Jordan Engineers Association

ملتقى وورشة التأهيل والاعتماد المهني
"نحو مهندس مهني معتمد"

Workshop and Symposium on
Professional Accreditation for
Engineers

Workshop and Symposium Program

Amman - Jordan
25-26/3/2015

Symposium titled: "Professional Accreditation for Engineers"			
Wednesday, 25 March 2015 Day 1 (Symposium)	8:30 AM - 9:30 AM	Registration	
	9:30 AM - 10:00 AM	Welcome, Opening Ceremony	
	10:00 AM - 10:30 AM	Keynote Speaker 1: Prof. Isam Zaabalawi Engineering Education and the learning outcomes	
	10:30 AM - 10:45 AM	<< Coffee Break >>	
	10:45 AM - 11:15 PM	Keynote Speaker 2: Dr. Hadi Abulrub The UK experience of Chartered Engineering (C.Eng.) Status	
	11:15 AM - 12:45 PM	Papers Session: Professional Qualification and Accreditation	
		Session Chair: Dr.Lutfi Al-Sharif	Session Chair: Prof.Jamal Othman
	11:15 AM - 11:30 PM	Project Based Learning in Undergraduate Engineering Education, Dr. Lutfi Al-Sharif	مدخل اولي الى التصنيف المعتمد للمهندسين، د. حسن الدباس، د. منذر رباح
	11:30 AM - 11:45 AM	Quality of engineering education (Case of future World University of Technology-Poland) Information from COMMITTEE ON EDUCATION IN NGINEERING Journal IDEAS No. 17 December 2011, Eng. Maha Al Aqra	المهندس العربي: بين تأهيلين العلمي والمهني. م. يونس الشلي
	11:45 PM - 12:00 PM	Test management, Eng.Abdelbasit Saleh	تجربة مركز الملك عبدالله الثاني للتصميم والتطوير في استقطاب الكفاءات الفنية والاعتماد المهني للعاملين في مجال الصناعات الدفاعية، د. رياض الرطوط، م. خالد ابو شنتال
	12:00 PM - 12:15 PM	Development of First Level Practicing Engineering Exam. Dr. Bassam A. Al-Bassama,b, Dr. Abdullah S. Al-Sadaawia, and Dr. Saeed M. Al-Zahrani	Comprehensive understanding of Quality Assurance in Higher Education Case of selected OECD countries (Austria,Germany, Finland, the United Kingdom, the United States and Canada), Eng. Maha Al Aqra
	12:15 PM - 12:30 PM	New Methodology for Tracking the Professional Development Scores, Dr. Moussa Habib	National Library for Engineers. Eng. Somow Al-Saleh
	12:30 PM - 12:45 PM	Questions	Questions
	12:45 PM - 2:00 PM	<< LUNCH & Prayer >>	

	2:00 PM - 2:30 PM	Keynote Speaker 3: Prof. Adnan Nayfeh University accreditation process in relation to ABET
	2:30 PM - 3:30 PM	Panel Discussion 1: Best Practices
		Panel 1 Moderator: (Eng. Mohammad Abu Afifeh) Guests: Prof. Adnan Nayfeh, Dr. Hadi Abulrub, Eng. Bisher Jardaneh
	3:30 PM - 3:45 PM	<< Coffee Break >>
	3:45 PM - 4:45 PM	Panel Discussion 2: Success Stories
		Panel 2 Moderator: (Eng. Rola Al-Asir) Guests: Eng. Wael Saqqa, Eng. Essam Al-Jarrah, Eng. Mohammad Barakat, Eng. Tharwat Qteash
	4:45 PM - 5:00 PM	Conclusions

Workshop titled: "Professional Accreditation Journey"				
Thursday, 26 March 2015 Day 2 (Workshop)	9:00 AM	-	10:00 AM	Registration
	10:00 AM	-	11:15 AM	Introduction: Welcome and Introductions About Qualification & Accreditation (QA) system Themes of Qualification & Accreditation (QA) system
	11:15 AM	-	11:30 AM	<< <i>Coffee BREAK</i> >>
	11:30 AM	-	1:00 PM	Core: SWOT & TOWS Analysis
	1:00 PM	-	2:15 PM	<< <i>LUNCH & Prayer</i> >>
	2:15 PM	-	3:45 PM	Core (Con't): Application Scoring System Application Pre-Assessment
	3:45 PM	-	4:00 PM	<< <i>Coffee BREAK</i> >>
	4:00 PM	-	5:15 PM	Core (Con't): Fundamental Exam (FE) Sample Exam
	5:15 PM	-	5:30 PM	Conclusion: Evaluation

Workshop (A) Outline

Complexity Level: 1

This workshop outline is designed for students, fresh graduates, and senior level engineers who are interested in knowing the process toward being an accredited and certified engineer from one of the three available grades: (Associate Engineer/ Architect, Professional Engineer/ Architect, Consultant Engineer/ Architect). The curriculum suggested in this outlines focuses on fairly concrete assessment and sample exam with the aim to help learners start their accreditation process.

Course Requirements:

- Curriculum Vitae

Module	Section	Description	Duration (Minutes)	Time
Registration 9:00 AM- 10:00 AM	Registration	Registration	60	9:00 AM
Introduction 10:00 AM–11:15 AM	Welcome and Introductions	<ul style="list-style-type: none">• Facilitator introduces himself to the group• Facilitator gives a brief overview of the session• Facilitator invites participants to introduce themselves and share their learning expectations• Facilitator discusses proposed learning objectives• Facilitator invites participants to ask questions throughout the workshop and at the end	15	10:00 AM

	About Qualification & Accreditation (QA) system	<ul style="list-style-type: none"> Facilitator introduce qualification and accreditation international standards and programs, and its importance to engineers Facilitator introduce Jordan Engineers Association QA system 	30	10:15 AM
	Themes of Qualification & Accreditation (QA) system	<ul style="list-style-type: none"> Facilitator reviews and discusses select PowerPoint slides to introduce learners to the grades of Qualification and Accreditation 	30	10:45 AM
~ Coffee Break (15 Min) ~				11:15 AM
Core 11:30 am–1:00 noon	SWOT & TOWS Analysis	<ul style="list-style-type: none"> Facilitator explain how to use personal and professional strength points to create career opportunities Asking Questions Share Your Opinion 	45 45	11:30 AM
~ Lunch Break 1:00 PM (1 hr) ~				01:00 PM

Core 2:15 pm– 5:15 pm	Application Scoring System	<ul style="list-style-type: none"> Facilitator shows step by step how to effectively fill the application based on real case study 	30	02:15 PM
	Application Pre-Assessment	<ul style="list-style-type: none"> Facilitator invites participants to ask questions Facilitator summarizes the workshop and, together with the participants, draws conclusions about the learning experience Facilitator encourages participants to reflect on their learning Facilitator discusses opportunities for further development and gives additional resources to participants 	60	02:45 PM
	~ Coffee Break (15 Min) ~			03:45 PM
	Fundamental Exam (FE) Sample Exam	<ul style="list-style-type: none"> QA sample exam 	75	04:00 PM
Conclusion 5:15 pm–5:30 pm	Evaluation	<ul style="list-style-type: none"> Facilitator asks participants to fill out an evaluation form Facilitator is available for one-on-one questions 	15	05:15 PM

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