WP4

Final E-health certificate program, 30 ECTS

28/8/2022 – 14/1/2023

The program is approved and Certified by Azhar Univerity

Subject	Who will prepare /teaching material	Who will conduct the lectures and training	Duration of teaching in hours	Duration of teaching weeks
ISM1 **Information, Communication and Engineering Technologies (ICET) in Medical and Healthcare**				**20-8-2022 to 17-9-2022**
• Basic concepts in e-Health and health informatics (such as interoperability, information structure, usability and standards-	AL-Azhar	Dr. Soheir Ibrahim	4 hours	**20-8-2022**
• Health care systems in different countries)	AL-Azhar	Dr. Rasha Gouda	4 hours	**27-8-2022**
• limitations of e-services in health care.	AL-Azhar	Dr. Manal Abd ELSalam	4 hours	**3-9-2022**
• knowledge of coding of different diseases and terminology.	AL-Azhar	Dr. Marwa Elhady	4 hours	**10-9-2022**
• The theoretical parts cover the working principles of medical devices		engineering department	4 hours	**17-9-2022**
Followed by quiz				
ISM2. **Computerization of Medical Records and E-Health services**				**24-9-2022 to 5-11-2022**
• Health Data and Information Systems Analysis	AL-Azhar	Dr.Thoria Abd ELFatth	4 hours	**24-9-2022**
• Health information principles		Dr.Soheir Ibrahim	4 hours	**1-10-2022**
• The structure of health data. -Integration of objective and subjective data and analysis	AL-Azhar	Dr. Thoria Abd ELFatth	4 hours	**8-10-2022**
• Making a decision support for healthcare professionals and patients, allow the automated assessment of adverse drug reactions, remote monitoring, health portal, etc.. -	AL-Azhar	Dr. Elham Kamal Dr. Haydy Nasr Dr Safaa ELMeneza	6 hours	**15-10-2022**
• Understand the standardization and coding in E-health services -	AL-Azhar	Dr.Marwa ELHady	4 hours	**22-10-2022**
• Evaluation of the applicability of electronic data and data validation in hospital information system	AL-Azhar	Dr. Hanaa Abu Elyazeed Dr. Eatmad Nabil	6 hours	**29-10-2022**
• Examples of different types of research in health informatics	AL-Azhar	Dr. Manal Abd Elsalam	4 hours	**5-11-2022**
Followed by quiz				

ISM3 . **eHealth, bigdata, Medical Informatics & Technology**	**TalTech University-Estonia**	**Prof. Peeter Roos & Janek**	**20 hours Condensed course**	**September 24-27**
<mark>Followed by quiz</mark>				
ISM4. **Medical Errors, Malpractice and Risk Management**				**12-11-2022 to 3/12/2022**
• Medical error	**AL-Azhar**	Dr.Safaa ELMeneza	4 hours	**12-11-2022**
• Malpractice	**AL-Azhar**	Dr. Safaa ELMeneza Heba Tawfik	6 hours	**19-11-2022**
• Risk management	**AL-Azhar**	Dr.Maraim AbuShady	4 hours	**26-11-2022**
• Medical Law and Ethics in e health	**AL-Azhar**	Hala Elkolaly	4 hours	**3-12-2022**
<mark>Followed by quiz</mark>				
ISM5. Through integrated E-Health system and visions into the future of Healthcare.				**10-12-2022 to 24/12/2022**
• eHealth for prevention, diagnosis and treatment	**AL-Azhar**	Dr. Zeinab Ashiba Dr.Naglaa Agab	6 hours	**10-12-2022**
• Overview of opportunities and challenges with eHealth from the perspectives of individual, organization, society and globally	**AL-Azhar**	Asmaa Abd Elwakeel Shaimaa Mostafa	6 hours	**17-12-2022**
• e-Health strategies	**AL-Azhar**	Dr. Sanya Fahmy Dr.Amel Gaber	6 hours	**24-12-2022**
ISM6. **Project Graduation work**	**Al-Azhar & LNU**	**9 Supervisors From AL-Azhar and Dr. Mosad Zineldin Examiner. Dr. Mosad Zineldin from Sweeden**	**+100 hours Supervision and examination**	**During the entire semester**
Final Seminars/presentation of the graduate project by the attendees	**AL-Azhar**	9 of the staff	6 hours	**31 -12-2022**
Final Seminars by the attendees	**AL-Azhar**	9 of the staff	6 hours	**7-1-2023**
Final presentation of the graduation project	**AL-Azhar**	**All**		14-1-2023

Final ceremony and certificate award ??

Program organization Committee:

Construction and Coordination by Dr. Safaa ELMeneza

Director Dr. Manal Abd ELSALAm & Dr. Marwa ELHady

Program Dean, responsible and supervisor

Prof Dr Mosad Zineldin

Linnaean University-Sweden

PI of the project