

<b>Course Name</b>	<b>Date (Day/Month/Year)</b>	<b>Duration (Days)</b>
<b>Analysis of Electrical Circuits using MATLAB Software</b>	19/1/2025	5 <sup>4</sup>
<b>Digital Security</b>	26/1/2025	5
<b>Fundamentals of Python Program and How to Use the OpenCV Library in Images and Videos</b>	2/2/2025	5
<b>3D Drawing</b>	9/2/2025	5
<b>Fundamentals of Optical Fiber Communications</b>	9/3/2025	5
<b>What is 5G technology? How does 5G technology [work]?</b>	6/4/2025	5
<b>Digital Transformation</b>	20/4/2025	5

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<b>Vegetation Cover and Desertification</b>	2/2025	3	Discussing the deterioration of vegetation cover in Iraq and the spread of desertification <sup>34</sup> .
<b>Artificial Intelligence: Types and Applications</b>	2/2025	3	Introduction to AI, its types, advantages, disadvantages, and fields of application.
<b>Frequency Bands for Communication Systems</b>	3/2025	3	Focuses on using different frequency bands for designing effective communication systems (VHF, UHF, SHF, etc.) and modern techniques like 5G.
<b>Concept of Development</b>	3/2025	3	Focuses on the stages of development concept

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			evolution and the dimensions of development.
<b>Training and its Role in Raising Employee Performance Level</b>	3/2025	3	How to raise employee performance by providing scientific capabilities and training on using technological means in administrative work.
<b>Water and Sustainable Development</b>	4/2025	3	Discusses ensuring water availability, sanitation services for all, and sustainable management.

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<b>Scientific Seminar (Dept.)</b>	<b>Effect of the Environment on Health</b>	27/4/2025	Concept of pollution, harms of pollution, and treatment of pollution.
<b>Scientific Seminar (Women's Empowerment)</b>	<b>Empowering Women through Education</b>	22/9/2024	Enables women to make strategic decisions that give them the strength to control their lives.
<b>Scientific Seminar (Women's Empowerment)</b>	<b>The Phenomenon of Electronic Extortion and Women as Its Most Frequent Victims</b>	17/6/2025	Threatening and intimidating the victim by publishing photos or leaking confidential

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			information in exchange for money and exploiting the victim to perform illegal acts.
<b>Scientific Seminar (Women's Empowerment)</b>	<b>The Role of Women in Managing Financial Responsibility in the Family</b>	6/4/2025	Highlights the role of women in determining responsibility in family financial management by setting a budget and defining family needs.
<b>Scientific Seminar (Women's Empowerment)</b>	<b>A Look at Developing the Female Entrepreneurship Environment in Iraq</b>	28/10/2024	Promoting entrepreneurship for inclusive growth, decent job opportunities, and developing women's capabilities in entrepreneurship.
<b>Scientific Seminar (Women's Empowerment)</b>	<b>Obstacles and Their Causes That Prevent Women's Economic Empowerment</b>	18/6/2025	Aims to clarify the importance of women in society, economic empowerment, and obstacles to women's economic participation.

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<b>Seminar (Emissions/Environment)</b>	<b>Environment and Sustainable Development</b>	//2025 (Date unclear)	What is sustainable development, and how to establish a clean environment and achieve sustainable development.
<b>Seminar (Emissions/Environment)</b>	<b>Climate Change and its Impact on the Environment and Health</b>	15/10/2025 (Date unclear)	Concept of climate change, its causes, its impact on the environment, the risks of climate change on the environment, and ways to confront it and its health risks <sup>79</sup> .
<b>Seminar (Security Awareness)</b>	<b>Social Media and its Danger to Society</b>	3/6/2025	The negative impact of social media on community ethics <sup>82</sup> .
<b>Study Group</b>	<b>Cellular Communications Network Architecture</b>	10/1/2024	Cellular communications network architecture refers to the structure and arrangement followed by the wireless communication system to

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			connect calls and transmit data between mobile devices and the core network.
<b>Study Group</b>	<b>Using Metasurface to Enhance Antenna Properties</b>	19/3/2025	Metasurface layer is a manufactured material not found in nature with unique physical specifications, used above or below an antenna to improve its specifications.
<b>Study Group</b>	<b>Fractal Antennas</b>	8/5/2025	Explanation of the types of fractal antennas and their applications.
<b>Scientific Update Session</b>	<b>6G Networks</b>	2/4/2025	Expected features of the sixth generation.
<b>Scientific Update Session</b>	<b>3D Model Texturing</b>	5/12/2025	Identifying the most important texturing applications and the most important materials used.