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|--------------------|---|----------------------|---------------------|
| Admission Year | 2023 | Program | Master |
| Plan Type | Comprehe | Semester | Summer |
| Hours | nsive | Item Type | Department Elective |
| Group NO | exam | Max Regestration hrs | 9 |
| Faculty | 9 | | |
| Department | 1 | | |
| Special Department | Hijjawi For Engineering Technology | | |
| Gender | Science in Electrical Power Engineering | | |
| | Electrical Power Engineering | | |
| | BOTH | | |

| Course code | Course Name | hrs | Prerequisite Course | Equivalent Course | Teaching Method |
|-------------|--|-----|---------------------|-------------------|-----------------|
| EPE 610 | POWER SYSTEM STABILITY | 3 | | (هق ٦١٠) | Blended |
| EPE 617 | ADVANCED TRANSMISSION SYSTEMS | 3 | | (هق ٦١٧) | Online |
| EPE 639 | COMPUTATIONAL METHODS IN POWER SYSTEMS | 3 | | (هق ٦٣٩) | Online |
| EPE 642 | POWER SYSTEMS QUALITY | 3 | | (هق ٦٤٢) | Online |
| EPE 644 | /Smar Grids | 3 | | () | Normal |
| EPE 669 | RESTRUCTING OF ELECTRIC POWER INDUSTRY | 3 | | (هق ٦٦٩) | Online |
| EPE 671 | INSULATION COORDINATION | 3 | | (هق ٦٧١) | Online |
| EPE 675 | Electric Motor Drives | 3 | | () | Normal |
| EPE 687 | ADVANCED HIGH VOLTAGE ENGINEERING | 3 | | (هق ٦٨٧) | Blended |
| EPE 691 | SPECIAL TOPICS IN ELECTRIC POWER ENGINEERING | 3 | | (هق ٦٩١) | Blended |

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|--------------------|---|----------------------|----------------------|
| Admission Year | 2023 | Program | Master |
| Plan Type | Comprehensive exam | Semester | Summer |
| Hours | | Item Type | Department Mandatory |
| Group NO | 24 | Max Registration hrs | 24 |
| Faculty | 1 | | |
| Department | | | |
| Special Department | Hijawi For Engineering Technology | | |
| Gender | Science in Electrical Power Engineering | | |
| | Electrical Power Engineering | | |
| | BOTH | | |

| Course code | Course Name | hrs | Prerequisite Course | Equivalent Course | Teaching Method |
|-------------|---|-----|---------------------|-------------------|-----------------|
| EPE 601 | ADVANCED ENGINEERING MATHEMATICS | 3 | | (هق ٦٠١) | Normal |
| EPE 609 | POWER SYSTEMS OPERATION AND CONTROL | 3 | | (هق ٦٠٩) | Blended |
| EPE 618 | DISTRIBUTION SYSTEMS | 3 | | (هق ٦١٨) | Blended |
| EPE 619 | MODERN CONTROL THEORY | 3 | | (هق ٦١٩) | Blended |
| EPE 629 | RENEWABLE ENERGY SYSTEM AND ENERGY EFFICIENCY | 3 | | (هق ٦٢٩) | Blended |
| EPE 632 | POWER ELECTRONICS | 3 | | (هق ٦٣٢) | Normal |
| EPE 647 | Power Systems Protection | 3 | | (هق ٦٤٧) | Normal |
| EPE 683 | ADVANCED ANALYSIS OF ELECTRIC MACHINES | 3 | | (هق ٦٨٣) | Blended |
| EPE 698 | COMPREHENSIVE EXAM | 0 | | (هق ٦٩٨) | Normal |