



## التسعيـرة

إلى: من يهـمه الأمر

السيد/السيدة المحترم،

نقدّر اهتمامكم بالبرامج التي تُقدمها بوليتكنك البحرين .

برنامج الماجستير علوم الهندسة في الهندسة الكهربائية والأنظمة الذكية مصمم للأفراد الذين يسعون لتعزيز مؤهلاتهم الأكاديمية والحصول على درجة دراسات عليا.

يرجى الاطلاع على تفاصيل الدورة والرسوم المرتبطة بها أدناه :

| Master of Science in Electrical Engineering and Smart Technologies         |             |                                                             |         |             |
|----------------------------------------------------------------------------|-------------|-------------------------------------------------------------|---------|-------------|
| Admission Fee: BHD50/- [Non-Refundable]                                    |             |                                                             |         |             |
| Semester                                                                   | Course Code | Course Title                                                | Credits | Course Fees |
| Semester 1                                                                 | EN9011      | Advanced Electrical Engineering Methods                     | 15      | BHD 525     |
|                                                                            | EN9012      | Machine Learning for Engineers                              | 15      | BHD 525     |
|                                                                            | EN9112      | IoT and Smart Sensing Technologies                          | 15      | BHD 525     |
|                                                                            | EN9015      | Systems Identification and AI                               | 15      | BHD 525     |
|                                                                            | EN9016      | Mobile Communication Systems                                |         |             |
|                                                                            | EN9017      | Intelligent Control Systems                                 |         |             |
|                                                                            | EN9113      | Advanced Digital Signal Processing: Theory and Applications |         |             |
|                                                                            | EN9114      | Power Systems: Operation and Economics                      |         |             |
| Semester 2                                                                 | EN9115      | Digital Communications                                      | 15      | BHD 525     |
|                                                                            | EN9116      | Power Systems Dynamics and Control                          |         |             |
|                                                                            | EN9013      | Smart Grids and Sustainable Power Systems                   | 15      | BHD 525     |
|                                                                            | EN9014      | Advanced Control and Automation Systems                     | 15      | BHD 525     |
|                                                                            | EN9111      | Data Analytics and Intelligent Systems                      | 15      | BHD 525     |
|                                                                            | EN9015      | Systems Identification and AI                               | 15      | BHD 525     |
|                                                                            | EN9016      | Mobile Communication Systems                                |         |             |
|                                                                            | EN9017      | Intelligent Control Systems                                 |         |             |
| Semester 3                                                                 | EN9113      | Advanced Digital Signal Processing: Theory and Applications |         |             |
|                                                                            | EN9114      | Power Systems: Operation and Economics                      |         |             |
| Semester 3                                                                 | EN9115      | Digital Communications                                      |         |             |
|                                                                            | EN9116      | Power Systems Dynamics and Control                          |         |             |
| Semester 3                                                                 | EN9009      | Masters Dissertation                                        | 60      | BHD 2,100   |
| Total Cost (Excluding Repeated or Failed Courses, Including Admission Fee) |             |                                                             | 180     | BHD 6,350   |

