

รายงานสรุปคะแนนรายวิชาและจำนวนนักศึกษาที่ได้เกรดต่างๆ

ประจำภาคการศึกษา 1/2563

ระดับปริญญาตรี สถาบันวิทยาการหุ่นยนต์ภาคสนาม

| รหัสวิชา | ชื่อวิชา | หน่วยกิต | จำนวน น.ศ. | Mean | SD | GPA |
|----------|--|-----------|------------|-------|-------|------|
| FRA141 | COMPUTER PROGRAMMING FOR ROBOTICS AND AUTOMATION ENGINEE | 3(2-2-6) | 76 | 86.78 | 24.17 | 3.42 |
| FRA161 | ROBOTICS EXPLORATION | 3(2-2-6) | 72 | 82.69 | 5.17 | 3.53 |
| FRA162 | ENGINEERING SKILLS FOR ROBOTICS | 3(2-2-6) | 72 | 83.64 | 6.05 | 3.24 |
| FRA221 | DIGITAL ELECTRONICS | 2(1-2-4) | 61 | 84.70 | 6.08 | 3.69 |
| FRA222 | INDUSTRIAL SENSORSAND ACTUATORS | 3(3-0-6) | 5 | 68.40 | 6.71 | 3.40 |
| FRA231 | ROBOTICS MODELLING AND EXPERIMENTATION | 3(3-0-6) | 60 | 74.54 | 11.30 | 3.10 |
| FRA261 | ROBOTICS STUDIO II : TECHNOLOGY INNOVATION | 3(1-4-6) | 61 | 83.63 | 10.43 | 3.48 |
| FRA300 | INDUSTRIAL TRAINING | 2(0-0-0) | 3 | 0 | 0.00 | 0 |
| FRA321 | IMAGE PROCESSING AND ANALYSIS | 3(3-0-6) | 74 | 77.42 | 10.66 | 3.01 |
| FRA331 | BASIC CONTROL THEORY | 3(3-0-6) | 93 | 76.43 | 17.27 | 3.28 |
| FRA332 | ROBOT STRUCTURE DESIGN II | 3(3-0-6) | 68 | 78.09 | 11.23 | 3.32 |
| FRA341 | EMBEDDED SYSTEM DESIGN | 3(3-0-6) | 90 | 65.23 | 19.90 | 2.32 |
| FRA361 | ROBOTICS AND AUTOMATION ENGINEERING LAB III | 1(0-3-2) | 78 | 79.45 | 12.49 | 3.05 |
| FRA401 | TECHNOPRENEURSHIP FOUNDATION | 3(3-0-6) | 12 | 88.25 | 3.44 | 3.88 |
| FRA403 | PROFESSIONAL DEVELOPMENT | 3(3-0-6) | 37 | 57.24 | 16.98 | 3.34 |
| FRA451 | MANUFACTURING AND AUTOMATION | 3(3-0-6) | 48 | 80.30 | 14.66 | 3.34 |
| FRA452 | MANUFACTURING PROCESS | 3(3-0-6) | 47 | 62.41 | 13.76 | 2.96 |
| FRA461 | ROBOTICS AND AUTOMATION ENGINEERING PROJECT I | 3(0-6-12) | 64 | 79.37 | 13.35 | 3.24 |
| FRA462 | ROBOTICS AND AUTOMATION ENGINEERING PROJECT II | 3(0-6-12) | 20 | 41.36 | 46.66 | 3.59 |

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| FRA500 | SPECIAL TOPIC I : CO-OP STUDENT PREPARATION | 3(3-0-9) | 20 | 84.23 | 7.39 | 3.45 |
| FRA501 | SPECIAL TOPIC II : SYSTEM INTEGRATION IN INDUSTRIAL APPLICATIONS | 3(3-0-9) | 17 | 13.85 | 32.47 | 3.77 |
| FRA502 | SPECIAL TOPIC III : EDUCATIONAL ROBOTIC DEVELOPMENT | 3(3-0-9) | 5 | 76.93 | 9.59 | 3.30 |
| FRA503 | SPECIAL TOPIC IV : INDEPENDENT STUDY PROJECT | 3(3-0-9) | 12 | 100.00 | 0.00 | 4.00 |
| FRA504 | PROJECT IN INDUSTRY RELATED TO ROBOTICS AND AUTOMATION ENGIN | 3(0-6-12) | 18 | 87.00 | 7.94 | 3.58 |
| FRA505 | PROJECT IN INDUSTRY RELATED TO ROBOTICS AND AUTOMATION ENGIN | 3(0-6-12) | 18 | 88.79 | 7.62 | 3.69 |