Program Hightlights

Program Na :Licence Automatique

Program URL :

Department:



Degree Name\* :



Study Level\* :



Course Intensity\* :



Study Mode\* :



MBA Program Type :



## Program Details

Broad Subject Area\* :



Main Subject\* :



Custom Subject :



Specialization :



Program Description:

A bachelor's degree in Automatic Control is designed to intellectually prepare students to pursue master's degrees in Automatic. For example, it allows the graduate to be integrated into industrial process asan Engineer. The training's goal is to assist students obtain knowledge and abilities in Automated process, in both its global and functional dimensions, while also instilling in them an adaptive and synthesis-minded approach.

University Official Website :http://www.univ-oeb.dz/

Get more details (email) :نائب العميد المكلف بالبيداغوجياالبريد الالكتروني المهني لمسؤول الميدان أو

Duration Unit : three years

Duration Type :



Start Month(s) :

                                                                



Application Deadline :







Fees Currency :



Price Information :It is a free education in addition to accommodation and feeding, and the student benefits from an additional grant

Entry Requirements

Exam Type:



Entry Requirements (Other) :

The ministry of Education uses the minimum baccalaureate rates accepted at Algerian universities are used to establish the rate at which a student must have earned their degree in order to enter the program.

Min Total Tuition Fees (Domestic) : 0

Max Total Tuition Fees (Domestic) : 0

Min Total Tuition Fees (Domestic, In State) : 0

Max Total Tuition Fees (Domestic, In State) : 0

Min Total Tuition Fees (Domestic, Out of State) : 0

Max Total Tuition Fees (Domestic, Out of State) : 0

Min Total Tuition Fees (International) : 0

Max Total Tuition Fees (International) : 0

Minimum Professional Experience (in years) :3

Financial Aid

Is there a school sponsored scholarship or financial aid?

  Yes   No

Annual school budget for all scholarships : ……..

Currency :



Scholarship Information :

In Algeria, the education is free in addition to accommodation, feeding and transportation, and students benefit from an additional grant

Program Statistics

Students per Class : 35 to 45

Average age (in years) : 19 to 21

Average years of work experience at managerial level : two years

Percentage of international students : …5…. %

Percentage of women : …30… %

Average GATE for Engineering score for your cohort : 80%

Average salary after graduation : …………………………………….

                                                                                                                                                                                                                                                                                                    

Percent employment after graduation : ……50……… %

Program accreditations :



Average work experience (in years) :

Number of nationalities in current cohort :

Academic License Program

Speciality: Automatic

Common Base Science and Technology

*Semester 1*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Mathematics 1 |
| Physics 1 |
| Structure of the material |
| Methodologyteaching unit | TP Physics 1 |
| TP Chemistry 1 |
| Informatics 1 |
| Writingmethodology |
| Discoveryteaching unit | Careers in science and technology 1 |
| Transversal teaching unit | ForeignLanguage 1 (English) |

*Semester 2*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Mathematics 2 |
| Physics 2 |
| Thermodynamics |
| Methodologyteaching unit | TP Physics 2 |
| TP Chemistry 2 |
| Informatics 2 |
| Methodology of the presentation |
| Discovery teaching unit | Careers in science and technology 2 |
| Transversal teaching unit | ForeignLanguage2 (English) |

*Semester 3*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Mathematics 3 |
| Waves and vibrations |
| Fundamental Electronics 1 |
| FundamentalElectrical Engineering 1 |
| Methodologyteaching unit | Probability and statistics |
| Informatics 3 |
| TP Electronics and Electrical Engineering TP |
| TP Waves and vibrations |
| Discoveryteaching unit | State of the art in electrical engineering |
| Energy and environment |
| Transversal teaching unit | Technical English |

*Semester 4*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Linear and continuous servo systems |
| Combinatorial logic and sequential logic |
| Numericalmethods |
| Strength of materials |
| Methodologyteaching unit | Electrical and and electronic measurements |
| TP Linear and continuous servo systems |
| TP NumericalMethods |
| TP Combinatorial and sequential logic  |
| Discoveryteaching unit | Energy conversion systems |
| Electrical and electronic measurement concepts |
| Transversal teaching unit | ElectricalSafety |
| Architecture of AutomatedSystems |
| Expression, information and communication techniques |

*Semester 5*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Control of linear systems |
| Power electronics  |
| System Modelling and Identification |
| Programming in C++ |
| Microprocessors and Microcontrollers |
| Methodologyteaching unit | TP Control of linear systems  |
| TP Power Electronics  |
| TP System Modelling and Identification |
| TP Microprocessors and Microcontrollers  |
| TP Programming in C++  |
| Discoveryteaching unit | Standards and Certification  |
| Renewable energy |
| Transversal teaching unit | Production and storage |

*Semester 6*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Sampled Servo Systems  |
| Actuators |
| Sensors and measuring chain |
| Methodologyteaching unit | Programmable Logic Controllers |
| Communication buses and industrial networks |
| Discoveryteaching unit | End of Cycle Project  |
| TP Sensors and Actuators  |
| TP Programmable Logic Controllers PLCs |
| TP Communication Buses and Industrial |
| Transversal teaching unit | Automatic electrical installations |
| Maintenance and reliability |