Program Hightlights

Program Name\* : Mechanical Construction

Program URL :http://www2.univ-oeb.dz/fssa/licence-gm/

Department:



Degree Name\* :



Study Level\* :



Course Intensity\* :



Study Mode\* :



MBA Program Type :



## Program Details

Broad Subject Area\* :



Main Subject\* :



Custom Subject :**Mechanical Construction**



Specialization :**Mechanical Construction**

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Program Description:

The objective of the Mechanical Construction License is to give students all the knowledge necessary to understand and solve problems related to mechanical systems. This training allows students to acquire a broad scientific culture in the field of engineering sciences, with solid foundations in mechanics, mathematics and scientific computing. It consists of: - Train students in methods of synthesis, analysis and understanding of laws and fundamental phenomena within the field of mechanical sciences. - Provide the essential complements to the applications of mathematics and computer science. - Prepare students for the acquisition of theoretical and practical methods for applications in various fields in general and in the field of mechanical industries in particular.

University Official Website :www.univ-oeb.dz

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

djouambi\_abdelbaki@yahoo.fr

Duration Unit :عدد السنوات 3years

Duration Type :



Start Month(s) :





Application Deadline :







Fees Currency :



Price Information :الاشارة هنا إلى أن التعليم مجاني إضافة إلى الايواء والاطعام والنقل ويستفيد الطلبة من منحة إضافية

Entry Requirements

Exam Type:



Entry Requirements (Other) :

Example: 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.

483 words remaining Maximum 512 words

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) :

Financial Aid

Is there a school sponsored scholarship or financial aid?

  Yes   No

Annual school budget for all scholarships : ……..

Currency :



Scholarship Information :الاشارة هنا إلى أن التعليم مجاني إضافة إلى الايواء والاطعام والنقل ويستفيد الطلبة من منحة إضافية

Program Statistics

Students per Class :

Average age (in years) :20

Average years of work experience at managerial level :

Percentage of international students :00%

Percentage of women :40 %

Average GMAT score for your cohort :

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



Percent employment after graduation : …………… %

Program accreditations :



Average work experience (in years) :

Number of nationalities in current cohort :0

Academic License Program

Speciality: Construction mechanical

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 |
| Discoveryteaching 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 |
| Fluidmechanics |
| Rational mechanics |
| Methodologyteaching unit | Probability and statistics |
| Informatics 3 |
| Technical design |
| TP Waves and vibrations |
| Discoveryteaching unit | Basic technology |
| Metrology |
| Transversal teaching unit | Technical English |

*Semester 4*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Thermodynamics 2 |
| MechanicalManufacturing |
| Mathematics 4 |
| Numericalmethods |
| Strength of materials |
| Methodologyteaching unit | Computer Aided Design |
| TP FluidMechanics |
| TP NumericalMethods |
| TP Strength of Materials |
| TP MechanicalManufacturing |
| Discoveryteaching unit | Industrialelectricity |
| Materials Science |
| Transversal teaching unit | Entrepreneurship and business management |

*Semester 5*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Analyticalmechanics |
| Mechanical Engineering1 |
| Strength of Materials 2 |
| Elasticity |
| Methodologyteaching unit | Industrial Design |
| Computer Aided Design and Manufacturing |
| TP Metrology |
| Discoveryteaching unit | Control and regulation |
| Maintenance |
| Transversal teaching unit | Environment and sustainable development |

*Semester 6*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Mechanical Engineering 2 |
| Mechanism theory |
| Heat transfer |
| Structural dynamics |
| Methodologyteaching unit | End of Cycle Project |
| Internal combustion engine |
| T P Thermal Transfers |
| Discoveryteaching unit | Hydraulic and pneumatic systems |
| Non-metallic materials |
| Transversal teaching unit | Professional project and business management |