Program Hightlights

Program Name\* : Mechanical Construction

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



Program Description:

The objective of the Mechanical Construction master 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 2 years

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) :22

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

PROGRAM OF ACADEMIC MASTER

Speciality: Construction mechanical

*Semester 1*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Continuous Media Mechanics |
| Advanced Strength of Materials |
| Internal combustion engines |
| Applied Fluid Mechanics |
| Methodologyteaching unit | TP Applied Fluid Mechanics/Resistance of materials |
| Conventional and Advanced Manufacturing Techniques |
| Industrial Systems Automation |
| Discoveryteaching unit | Chosen course |
|  | Chosen course |
| Transversal teaching unit | Technical English and terminology |

*Semester 2*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Finite element method  |
| Advanced structural dynamics |
| Articulated mechanical systems and robotics |
| Design of mechanical systems |
| Methodologyteaching unit | Design of mechanical systems |
| CAD/CAM |
| Optimisation |
| Discoveryteaching unit | Chosen course |
|  | Chosen course |
| Transversal teaching unit | Ethics, deontology and intellectual property |

*Semester 3*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Materials  |
| Dynamics of rotating machines |
| Structural Steel |
| Composite materials |
| Fracture mechanics and fatigue |
| Methodologyteaching unit | Methodology office |
| Turbomachinery |
| Numerical simulation software in mechanics |
| Discoveryteaching unit | Chosen course |
| Chosen course |
| Transversal teaching unit | Literature search and brief design |