|  |
| --- |
| **1- Identification of the Education Offer** |

***Level:* Architect Degree (Graduate level)**

***Field :* Architecture, Urban Planning and City Professions**

***Branch* : City professions**

***Speciality* : Architecture**

|  |
| --- |
| **2- Educational Establishment :** |

***Faculty/Institute: Faculty of Technology***

***Department: Department of Architecture***

|  |
| --- |
| **3- External partners** |

***Algerian Academic partners:***

* Polytechnic School of Architecture and Urban Planning (EPAU).
* Departments of Architecture at national level.

***Companies and other socio-economic partners*:**

* Department of Town Planning and Construction of Tlemcen (DUC);
* Department of Public Facilities of Tlemcen (DEP);
* Housing Department of Tlemcen (DL);
* Office for the Promotion of Real Estate Management of Tlemcen (OPGI);
* Department of Culture of Tlemcen (DC);
* Mekteb el Hendassa Tlemcen (MHT);
* Local Council of the Order of Architects (CLOA);
* Technical Control of Constructions (CTC);
* People's Assembly of the Municipality of Tlemcen (APC).
* Center for Arts and Exhibitions of the Wilaya of Tlemcen (CAREX);
* Department of Youth and Sports of Tlemcen (DJS);
* National Office for the Management and Exploitation of Cultural Assets in Tlemcen (OGEBC).

***International partners :***

|  |
| --- |
| **4- Context and objectives of the training:** |

Training for the architect's diploma prepares the student for a more global and complex vision of problems and places, guaranteeing mastery of the work, by equipping him or her with an architectural culture, but above all with a specific way of thinking about and representing architectural space. The aim is to create the conditions for an education that will guarantee better integration of architects into professional life.

With regard to the qualifications expected, Article 22 of Executive Decree 22-208 of June 05, 2022, setting out the system of studies and training for higher education diplomas, specifies that the training provided by higher architectural establishments is aimed at "the acquisition of academic, scientific and professional skills in the design, production and validation of architectural works in the fields of housing, urban planning and urban trades, and the protection of architectural heritage".

Training objectives is to train architects with the following qualifications:

- Design, operations, project management;

- Involved in building and environmental issues;

- With an entrepreneurial culture, imbued with current concerns in terms of innovation, technological advances and ecology;

- Potentially predisposed to an academic career.

|  |
| --- |
| **5- Facilities, Equipment and Laboratoires** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Title of the laboratory:** | | **TOPOGRAPHY** | | |
| **No.** | **Equipment title** | | **Number** | **Observations** |
| 1 | Theodolite DT 200 digital | | 1 | The material listed allows the  realization of various works  surveying practices  as :  • the statement,  • the layout,  • determination of surfaces,  • plotting the curves of  levels, etc. |
| 2 | Theodolite Tt400 (T12) with tripod | | 1 |
| 3 | Tachymeter device 5 | | 5 |
| 4 | 4 Niveaux NK01 8 | | 8 |
| 5 | KERM level with tripod | | 1 |
| 6 | Level N 20 with tripod | | 1 |
| 7 | Leica NA730 level | | 1 |
| 8 | Gray T12 staff | | 1 |
| 9 | White target | | 7 |
| 10 | LNG red sight | | 2 |
| 11 | Staff with case | | 1 |
| 12 | Mire L.A.T | | 1 |
| 13 | Mire type B.T.L 4D.01 | | 1 |
| 14 | Mire B.T.L 4D | | 1 |
| 15 | Optical brackets | | 6 |
| 16 | GST 20 Tripods | | 5 |
| 17 | Tripods GST 70 | | 1 |
| 18 | Trépied type B.S.T | | 1 |
| 19 | Centering device with two pivoting feet 1 | | 1 |
| 20 | Centering rod | | 2 |
| 21 | Milestones | | 67 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Title of the laboratory:** | | **Building materials technology** | | |
| **No.** | **Equipment title** | | **Number** | **Observations** |
| 1 | Complete apparatus for equivalent test of  sand according to NF P 18 598 | | 2 | Equivalent test of  Sand |
| 2 | Complete apparatus for Vicat test | | 2 | Vicat test |
| 3 | Complete apparatus for the " Permeameter of  BLAINE » | | 3 | Permeability test |
| 4 | Flow cone according to NF P 10-358 with  10 mm fixed nozzle L0060.4 | | 2 | TP Flow cone |
| 5 | 1l PVC measuring container | | 2 |
| 6 | Stainless steel sieve diameter 150 open 3.15 mm | | 2 |
| 7 | MARCH cone nozzle diam 4.76 mm for  grout viscosity with graduated plastic bowl  1 liter | | 2 | TP Cone of March |
| 8 | 1 liter graduated bowl | | 2 |
| 9 | SPEDY device | | 3 | TP |
| 10 | Measuring plot for shrinkage mold 4x4x16 cm (10 pieces) | | 1 |
| PT of  Deformometry or  refractometry |
| 11 | INVAR calibration rod length 160mm  for test on specimen 4x4x16mm | | 1 |
| 12 | Stainless steel ball dia 6mm for refractometer | | 5 |
| 13 | 5mm comparator | | 1 |
| 14 | Pull-Out test device according to ASTM C900 | | 1 | Pull-out test TP |
| 15 | Hydraulic cylinder | | 1 |
| 16 | Pump with 60kn pressure gauge | | 1 |
| 17 | Set of inserts to put in place when casting the  concrete with support ring | | 1 |
| 18 | Complete apparatus for analysis  particle size of aggregates | | 5 | Analysis lab  Granulometric |

12 drawing rooms with a capacity of 25 drawing tables

09 classrooms with more than 25 seats

01 Amphitheater (classrooms) with 150 seats

02 computer rooms with a capacity of 20 workstations (for CAD work)

01 drawing room

01 computer center

01 remote teaching center

01 examination room

Library of over 6,000 books from the Faculty of Technology.

In addition to the titles available in architecture, the library covers all disciplines related to architecture:

- Civil Engineering

- Books in Computer Science

- Hydraulics

- Books on environment and ecology.

- Books on urban planning

The Faculty of Technology is equipped to provide

Students to benefit from Internet services.

|  |
| --- |
| **6- Profiles and Competencies Targeted** |

As far as the profile and skills required are concerned, it is advisable to refer to the national reference system for trades and to the legislation governing the architectural profession.

The Nomenclature Algérienne des Métiers et Emplois (NAME) is an exhaustive basis for orienting the objectives of training offers in terms of profiles and skills. Thus, the main activities of the professional are centered on the mastery of proposals from creation projects to execution projects, with the ability to ensure the follow-up of works (GO, CES). These professional duties call on basic skills: knowledge of the law, standards and market codes, know-how in setting up and running projects, and mastery of technical tools.

As far as legislation is concerned, Legislative Decree No. 94-07 of May 18, 1994, amended by Law No. 04-06 of August 14, 2004, on the conditions of architectural production and the practice of the architectural profession, remains the sole reference in terms of the framework, scope and prerogatives of the architect's activity. Architecture is defined in terms of knowledge and know-how in the art of building (Art.2). These skills are required of a project manager, in the person of the registered architect (art. 9).

Training is therefore designed to create a cadre capable of carrying out activities in the field of architectural production, but also capable of devoting itself to research in the field encompassing related disciplines.

|  |
| --- |
| **7- Development Prospects and Employability** |

The distribution of architectural training centers across the country can help to meet the production needs of the building and public works sector. The variety of tasks and missions devolved to the architectural profession is part of the demand from all sectors, organizations and institutions connected with urban services, local authorities and public works.

The production of buildings also requires management and maintenance services, ensuring the updating, requalification and rehabilitation of the living environment. Private-sector work is also envisaged. Approval follows a procedure that includes completion of a professional training course and registration on the National Register of Architects. In conclusion, employability is assured in line with the needs of sectors, services and urban and municipal organizations.

|  |
| --- |
| **8- Organisation of the Semesters Teaching** |



















