Enhancing IT Graduates Employability through
Skills Development & Curricular Innovation

Lebanese University - Faculty of Technology – Branch 2 -

Dany Obeid, Director

Outline

1- Faculty of Technology: Majors and agreements

2- Muni-Tech Day

2- Dual apprenticeship

About

▸ The Faculty of Technology was established at the Lebanese University in Saida by decree no 8741 on July, 9th 1996 under the name "The University Institute of Technology".

▸ The second branch in Aabey was established by decree no 2322 on June 19th 2009.

▸ Teaching in Aabey branch started in the academic year 2009 –2010. The name was changed to Faculty of Technology in March 2018.

▸ It currently has around 1200 students, divided over its two branches in Aabey and Saida.

Offered degrees

Students get their bachelor degree in the below majors, after completing the degree requirements in 6 terms, spanning over three calendar years.

▸ **Computer Communication and Networks Engineering**
▸ **Maintenance and Industrial Engineering**
▸ **Business Computer**

Programs Requirements:

▸ 180 course credit hours (ECTS) including:
  ◦ Senior Project
  ◦ Internship (4 months period divided over 2nd and 3rd year)

CCNE Focus Area/Courses

▸ **Area 1: Computer Hardware Systems**
  ◦ Analog and Digital Electronics
  ◦ Programmable Circuits
  ◦ Computer Architecture

BC Focus Area/Courses

▶ **Area 1: Business and Marketing**
- ◦ Management Information Systems
- ◦ Entrepreneurship
- ◦ Organizational Behavior
- ◦ Financial Math

▶ **Area 2: Software Systems and Networking**
- ◦ Computer Architecture
- ◦ Computer Networks and Security
- ◦ Structured Programming
- ◦ Data structures and Algorithms
- ◦ Object-Oriented Programming
- ◦ Operating systems
- ◦ Computer Software Engineering

MIE Focus Area/Courses

▸ **Area 1: Power and Energy Systems**
  ◦ Electric Machines
  ◦ Electric Power Production and Distribution
  ◦ Power Electronics
  ◦ Renewable Energy

▸ **Area 2: Mechatronics**
  ◦ Control Systems
  ◦ Analog and Digital Electronics
  ◦ Programmable Circuits
  ◦ Industrial Automation

▸ **Area 3: Mechanical systems**
  ◦ Pneumatic and Hydraulic Technology

Current MS

- **Telecom**

- **Programming**

- **Civil Engineering**

- **Mechatronic & Energy**

International Agreements

- ArRéseau Polytech
- Réseau UT:UTT, UTBM & UTC
- ENSTA – Bretagne
- ENIB (Brest)
- ISEN (Rennes)
- Univrsité Paris Est
- ENSMM (Besançon– Franche Comté)
- Limoges (XLIM) pour M1– M2– Doctorat

MuniTech Day : Technology at the Service of Municipalities

A competition held between multiple Lebanese universities

FYPs prepared with municipalities

Aim to:

- Improving Municipality Service Delivery.

- Creating Sustainable and Inclusive Communities.

Sponsors / Partners

Participants

MS Degree in IoT and Big Data : Dual Apprenticeship Program

- MS Program oriented towards the Industry and Market Needs.

- Fill the market need by preparing graduate students with the required and up-to-date skills.

- The integration rate of graduates through apprenticeship reaches more than 95% in some schools in Europe.

- Students will be highly motivated, since they will get valuable work experience in the industry.

The Lebanese University
Faculty of Technology – Branch II – Aabey