

**SOUTHERN TECHNICAL UNIVERSITY
TECHNICA INSTITUTE OF TECHNOLOGY
IN BASRA**





The guide



- I. An overview of the Technological Institute.
- I. Vision, mission, and objectives of the Technological Institute.
- II. Organizational structure.
- III. description of the departments and units within the Technological Institute.
- IV. description of the academic departments of the Technological Institute..



About the Technical Institute of Technology

The Technical Institute of Technology is an educational institution affiliated with the Ministry of Higher Education in Iraq. It aims to provide higher technical education in various technical and vocational specializations. The institute was established to qualify and train students in a wide range of technical fields that meet the needs of the Iraqi labor market, particularly in Basra Governorate.

Geographical Location

The institute is located in Basra Governorate, on the Zubair Road, opposite the Sports City. Basra is one of the largest Iraqi governorates and a significant economic center, especially in the oil and gas sectors. This location contributes to providing advanced training and employment opportunities for students in these fields.

The institute was established in 1973. It comprises eight academic departments:

Department of Electronic Technologies

Department of Electrical Technologies

Department of Mechanical Technologies

Department of Power Mechanics Technologies

Department of Civil Technologies

Department of Surveying Technologies

Department of Chemical and Petroleum Industries Technologies

Department of Computer Networks and Software Technologies



The institute includes (10) training workshops for students:

- Lathe Workshop (stage 1)
- Lathe Workshop (stage 2)
- Welding Workshop
- Plumbing Workshop
- Milling Workshop
- Modeling Workshop
- Grinding Workshop
- Platework Workshop
- CNC Workshop
- Filing Workshop





Vision

To achieve sustainable development through outstanding technical education and sound scientific research

mission:

The institute seeks to build leading partnerships to keep pace with the labor market and develop an integrated educational system that contributes to securing the requirements of sustainable development, sound scientific research, and the development of technical skills to serve the community.

Objectives:

1. To prepare competent mid-level professionals to meet the demands of sustainable development.
- 2 To provide distinguished educational programs to meet the needs of the labor market and modern technologies.
- 3 To enhance cooperation with public and private sector institutions to activate community partnerships.
- 4 To contribute to community service through innovation and training programs.
- 5 To develop the competence of educational staff through effective training and qualification.
- 6 To strive for national and international accreditation.

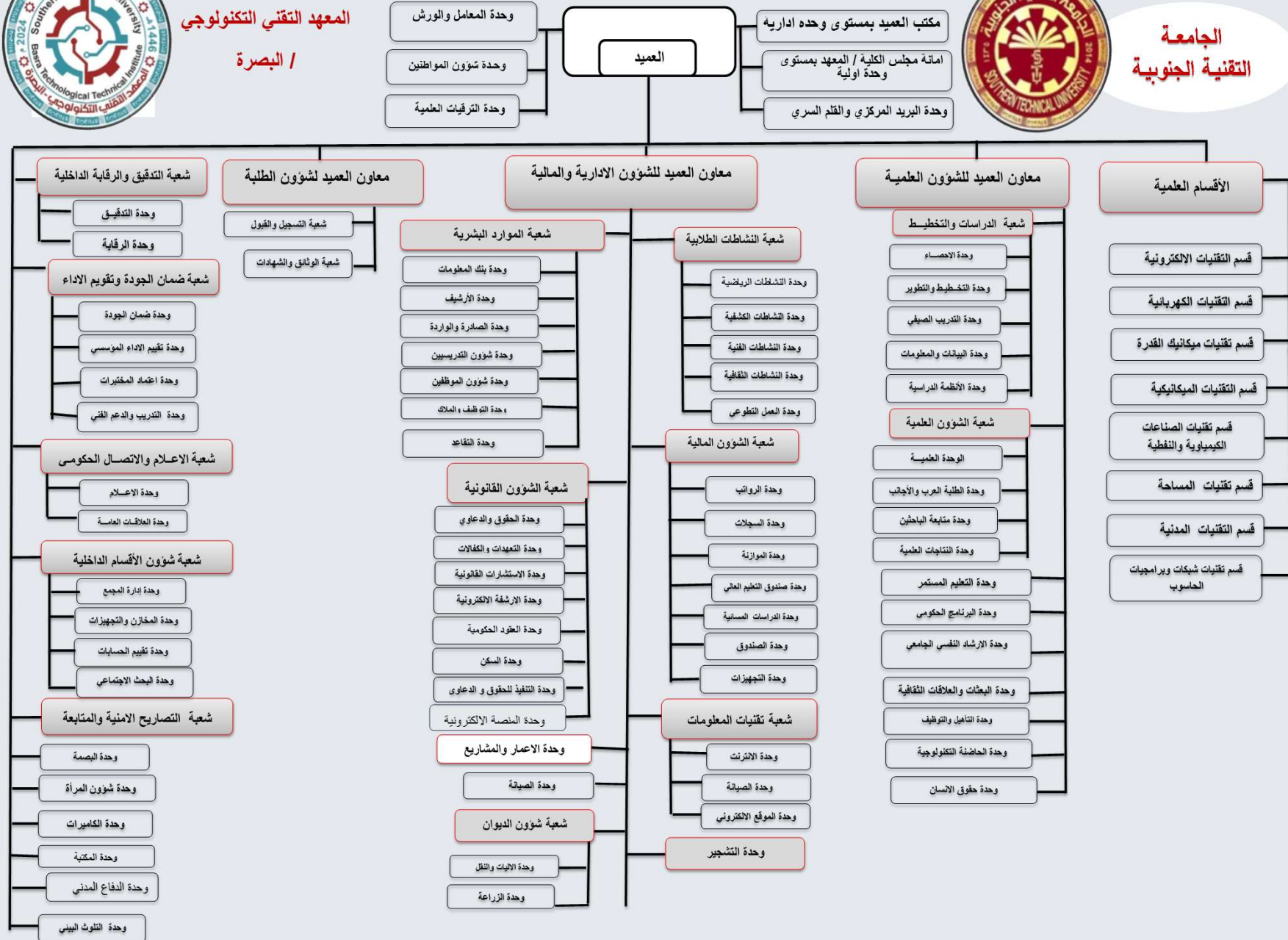


المعهد التقني التكنولوجي

/ البصرة



الجامعة
التقنية الجنوبية





The overview of the administrative units at the Technological Technical Institute

The Quality and Performance

Evaluation Division

The Quality Assurance and Performance Evaluation Division is a core division within the institute, aiming to instill a culture of quality and achieve academic accreditation standards in line with the institution's vision, mission, and objectives. The division monitors and implements quality and performance evaluation plans through its specialized units.

- Quality Assurance Unit
- Institutional Performance Evaluation Unit
- Training and Technical Support Unit
- Laboratory Accreditation Unit

The Scientific Division

The Scientific Division is one of the core divisions of the Southern Technical Institute. It is responsible for organizing and monitoring scientific and academic aspects, and overseeing the implementation of study plans, thereby contributing to raising the academic level and ensuring the quality of the educational process. It also works to support the scientific departments and students, and coordinates scientific and research activities in line with the goals and mission of the institute.



The overview of the administrative units at the Technological Technical Institute



The Administrative Affairs Division

The Administrative Affairs Division is one of the main divisions at the Southern Technical Institute. It is responsible for organizing and managing administrative and personnel affairs, following up on employee matters, and coordinating correspondence and administrative procedures to ensure the smooth operation of work. It also contributes to providing an organized work environment that supports institutional performance and achieves the institute's goals efficiently and effectively.

The Finance Division

The Finance Division is one of the core divisions of the Technological Technical Institute. It manages and organizes financial affairs in accordance with applicable regulations and instructions. This includes preparing budgets, monitoring expenditures and revenues, and maintaining financial records and accounts. The division also contributes to ensuring the efficient use of financial resources and enhancing transparency to support the achievement of the institute's objectives. Furthermore, it prepares the estimated financial budget in coordination with the institute's departments, divisions, and units, and oversees cash counts, bank account reconciliations, and the settlement of outstanding accounts to ensure a stable financial environment.



The overview of the administrative units at the Technological Technical Institute



The Administrative Affairs Division

The Administrative Affairs Division (sometimes referred to as the Administrative and Engineering Services Division) is the executive and service-oriented backbone of the Technological Technical Institute. This division is directly responsible for maintaining and developing the institute's infrastructure and providing the necessary logistical support to ensure the smooth operation of teaching and administrative processes. Here is a comprehensive overview of its tasks and structure, including its key units:

- 1- The Machinery and Transportation Unit.
- 2- The Agriculture Unit.
- 3- The Afforestation Unit.

The Construction and Projects Unit

is responsible for overseeing the implementation of construction, rehabilitation, and maintenance projects at the institute, and monitoring their progress according to approved plans and technical specifications. It also works to develop infrastructure and improve the educational environment, contributing to the provision of modern and safe facilities that support the educational and administrative processes..





An overview of the scientific departments



Department civil Technologies:

The department was established in 1973 and currently includes the Building and Construction branch, which aims to prepare a technical cadre intermediate between the engineer and the worker in various building and construction works.

Department Surveying Technologies:

Established in 1983, the department aims to prepare technical surveyors with good practical experience, qualified to perform surveying tasks for projects, including topographic and cadastral surveying, and the necessary projection work for engineering projects.

Department of Electronic Technologies:

The department was established in 1987 and aims to graduate mid-level personnel for the maintenance of electronic devices and equipment.



An overview of the scientific departments

Department of Electrical Technologies:

The department was established in 1973 and currently includes the Electrical Power branch. It aims to qualify an intermediate staff capable of completing electrical work and maintaining electrical, laboratory and general industrial equipment.

Department of Mechanical Technologies

The department was established in 1973 and currently includes the Production Branch. It aims to prepare a qualified technical staff to carry out mechanical work, supervise and organize work in mechanical manufacturing and production plants.

Department of Chemical and Petroleum Industries Technologies

Currently comprises two branches

Branch 1: Operation of Industrial Units: This branch aims to train a professional workforce capable of operating and developing production units and improving production quality under the supervision of specialized technical staff.

Branch 2: Oil Refining: One of the most prominent specialized branches within the Department of Chemical and Petroleum Industries Technologies, this branch primarily aims to prepare qualified technical personnel (technicians) possessing the necessary scientific and practical skills to operate and manage production units in oil refineries and petrochemical facilities.



An overview of the scientific departments

Power Mechanics Department:

Established in 1986 as the Department of Machinery and Equipment Technologies, its name was changed to Power Mechanics in 2018. It comprises two branches:

the first, the Automotive Branch, aims to train technical personnel capable of identifying mechanical and electrical faults in vehicles and performing routine maintenance.

The second, the Refrigeration and Air Conditioning Branch, aims to train qualified technical personnel to participate in calculations, draw and interpret mechanical and electrical diagrams for refrigeration and air conditioning systems, and install and maintain refrigeration systems. .

Department of Computer Networks and Software Technologies

The department was established in 1986 under the name Computer Systems and its name was changed in 2024 to the Department of Computer Technologies and Software. It prepares qualified intermediate technical personnel to provide technical support in solving technical problems, in addition to working on electronic systems and digital archiving.