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Hawija Technical College – Where Professional Knowledge Is Made

One of the formations of Northern Technical University, affiliated with the Ministry of Higher Education and Scientific Research.

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Synthesis Matrix: The Success Equation at Hawija Technical College

Inputs (Resources)

- 43 members of the advanced teaching staff
- Ideal student-to-teacher ratio (9:1)

Processes (Methodology)

- Implementation of the Bologna Process (18 courses)
- Commitment to ESG-2015 quality standards
- Accommodating demand for evening study

Outputs (Impact)

- Huge research productivity (10 papers per faculty member)
- Penetrating Scopus indexes
- Graduates qualified for international accreditation (ABET)

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Quality Assurance: Roadmap Toward Institutional and Programmatic Accreditation

Excerpts from the annual report (2025/2026)

ESG-2015 Standards

Adopting an integrated quality policy aligned with environmental, social, and institutional governance (ESG).

Participation and Evaluation

Activating periodic self-assessment and involving internal stakeholders in policy-making.

Programmatic Ambition

Aligning courses and curricula with the requirements of international standards (ABET) and the Ministry's continuous guidance for performance improvement.

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Global Integration: Implementing the "Bologna Process"

Practical Scope of Application

One academic stage was included as a strategic starting point to ensure sound and flexible implementation.

Academic Coverage

18 courses fully subjected to restructuring under the Bologna Process.

Strategic Goal

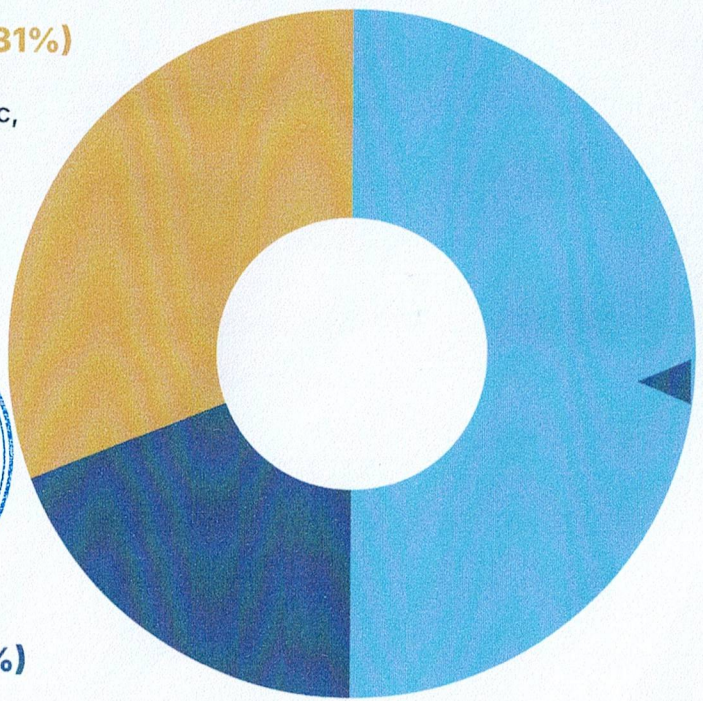
Enhancing the quality of teaching and learning, facilitating student mobility and employability, and unifying assessment standards to fully align with modern European systems.

Innovation Engine: Research Productivity and Knowledge Transfer

Total output: 300 research and scientific contributions (including local and international research and participations)

Mechatronics Engineering (31%)

Integrating mechanical, electronic, and computer engineering in modern applied research.



Business Administration (50%)

Management, entrepreneurship, and business research, the largest share of output.

10 research papers per faculty member (10:1), an exceptional indicator of academic staff effectiveness.

8 documented studies in leading global indexes (Scopus / Clarivate), evidence of output quality.

Financial and Banking (19%)

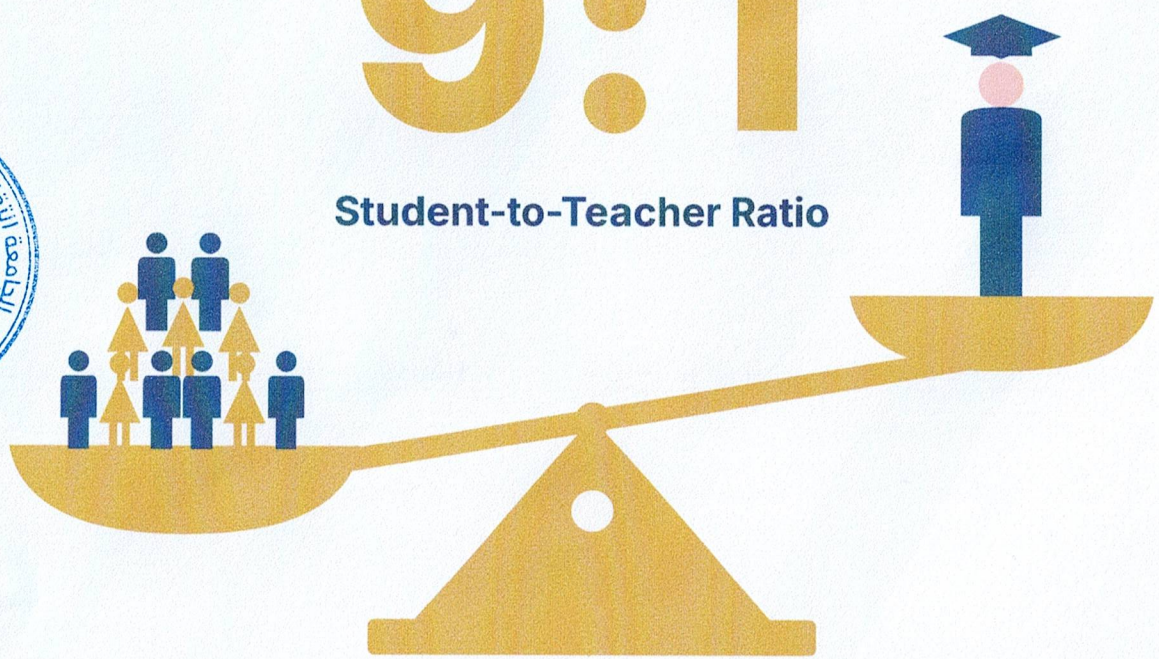
Financial analysis and banking-focused research.

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Academic Operating Efficiency: Exceptional Benchmark Ratios

9:1

Student-to-Teacher Ratio



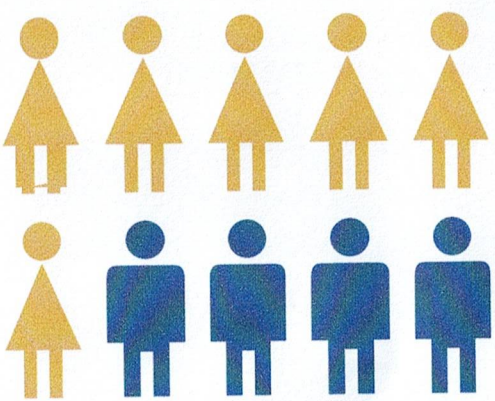
This proportion ensures high personal interaction in classrooms and laboratories, and close follow-up of every student, which is positively reflected in academic success and retention rates.

This ratio is considered **"excellent"** and exceeds many global standard benchmarks (which typically require 20:1).

Attracting Students: Enrollment Dynamics and Admission Trends

Total students: 371 male and female students (distributed across 3 main departments)

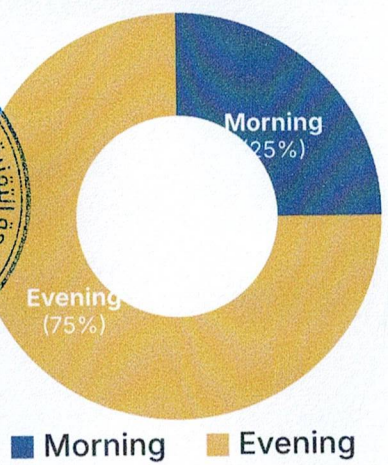
Gender Balance: Early and continued female presence with 75 enrolled female students.



75 Females

296 Males

Morning and Evening Study

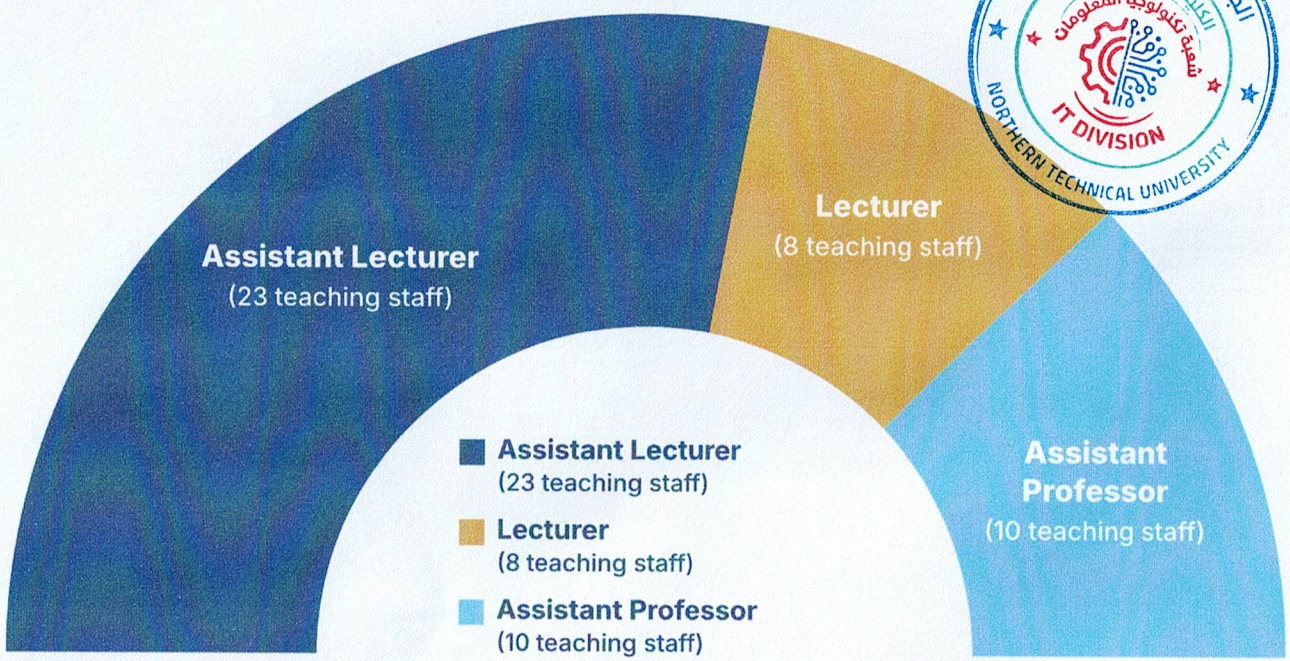


Statistics indicate very high demand and heavy enrollment in evening study across the departments (historically, evening enrollment exceeds morning by more than 3 times in the Business Administration Department).

The college plays a pivotal role in meeting local labor market needs and in enabling working employees to develop their professional skills through evening study programs.

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Academic Development: Mapping Academic Titles and Promotion Opportunities



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Performance and Growth Indicator

The college's strength is currently concentrated in the "Assistant Lecturer" category, reflecting high youthful energy and flexibility, with the "Professor" rank vacant — which represents a strategic opportunity and ample room for future academic promotions for the current staff.

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Academic Standing: Structure of Certificates and Academic Degrees



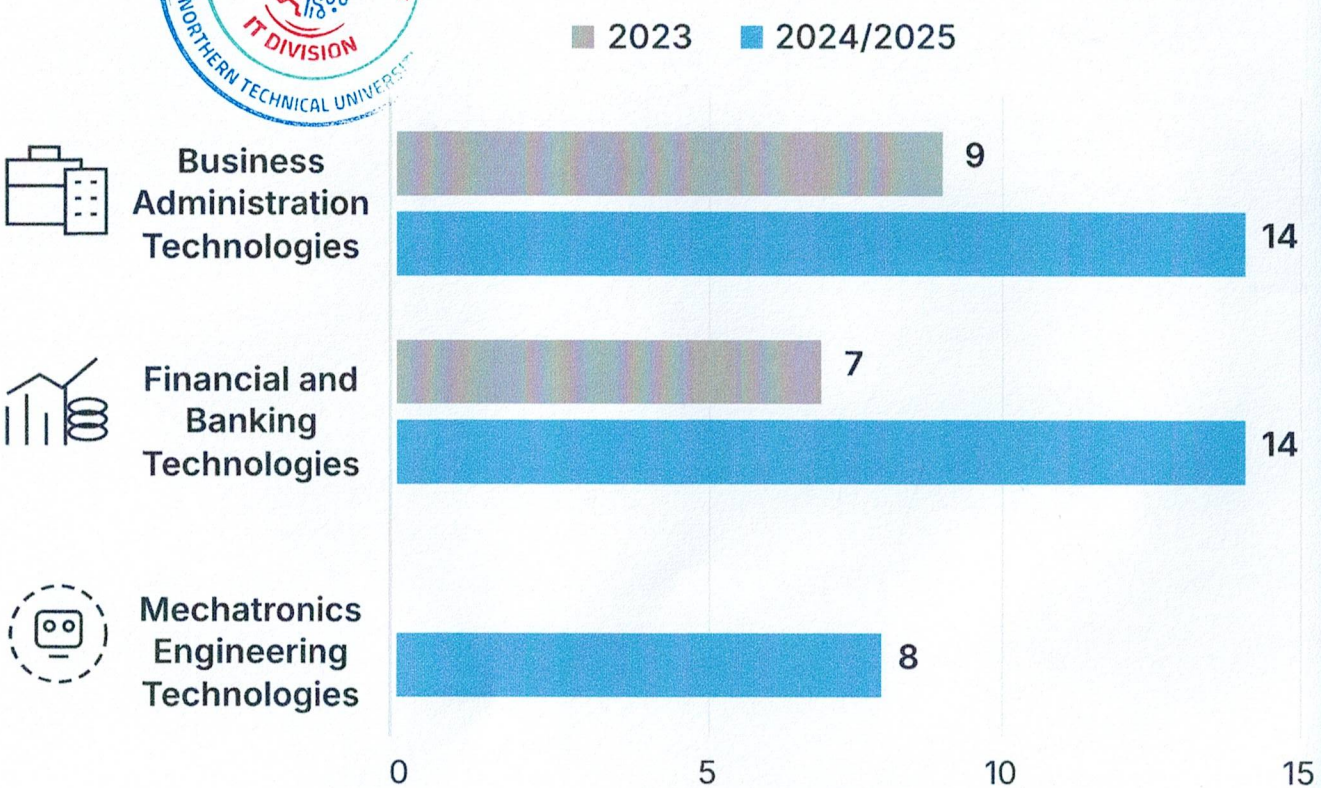
Doubled from 8 at founding to 16 recently, to lead the scientific research momentum.

The backbone and main driver of the teaching process (rising from 8 to 25).

More than 40 staff (higher diploma, bachelor's, diploma) supporting the technical, laboratory, and administrative aspects.

The college relies overwhelmingly on holders of postgraduate degrees (Master's and Doctorate) in preparing and guiding its curricula.

Academic Strength: Strategic Expansion in Key Departments



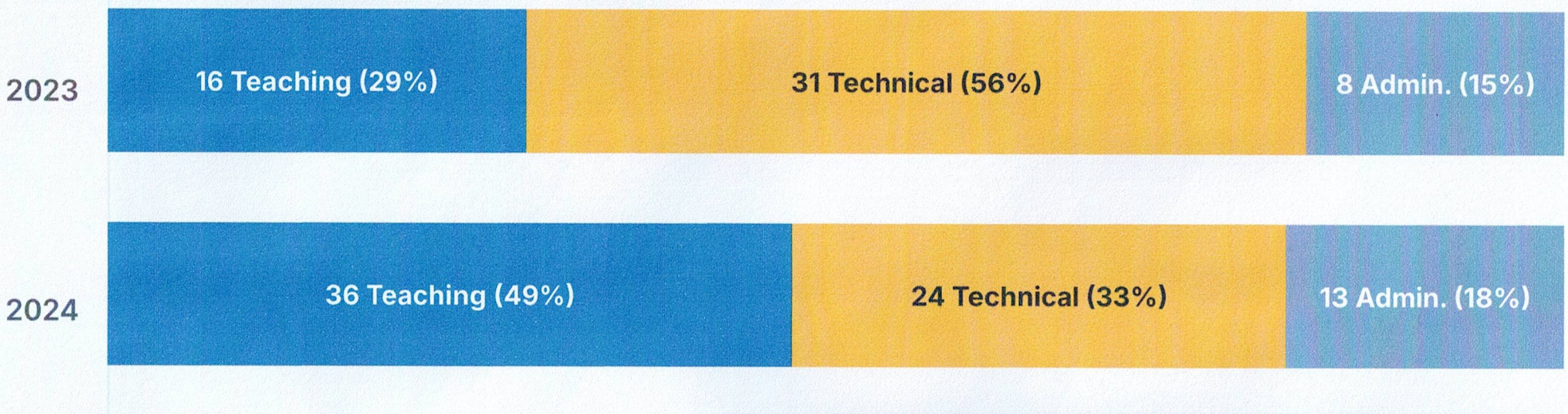
Business Administration Technologies: Strengthening management and entrepreneurship skills.

Financial and Banking Technologies: Developing competencies in financial and banking analysis.

Mechatronics Engineering Technologies: Integrating mechanical, electronic, and computer engineering.

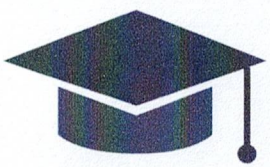
A well-studied balance between the administrative and financial departments that support the labor market, and a notable expansion in modern engineering specializations.

Attracting Talent: A Qualitative Leap in the Staffing Structure



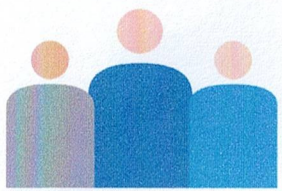
A radical shift in the college's structure toward an academic majority (the teaching staff's share grew by nearly half), reflecting a firm commitment to strengthening the educational process and serving students.

The College in Numbers: A Comprehensive Snapshot of the Current Landscape



371

Male and female students enrolled across the various departments



43

Teaching staff members

(according to the latest 2025/2026 quality assurance report)



Asst. Prof. Dr. Ahmed Abdullah Danook

(Dean of the College)



18

Courses that successfully completed Phase One of the Bologna Process

A strong strategic launch since its founding in 2023, toward building a technical institution that meets the latest national and international standards.

Hawija Technical College

Comprehensive Statistical Report on Institutional Growth and Quality Assurance (2023 – 2026)

A data-driven analytical overview of student numbers, academic staff development, research productivity, and the stages of implementing the Bologna Process.