

HIGHER TECHNICAL PROFESSIONAL COURSES

INDUSTRIAL MANAGEMENT



2017/2018 ACADEMIC YEAR



INSTITUTO
POLITÉCNICO
DA MAIA **IPMAIA**

INDUSTRIAL MANAGEMENT

COORDINATOR

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CONTACT DETAILS

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This Higher Technical Professional Course is a vocational training course taught as part of polytechnic higher education and lasts 4 semesters, corresponding to 120 ECTS.

The course is organised into general and scientific training, technical training and on-the-job training (internship), and each student is awarded with a **Higher Technical Professional Diploma at level 5 of the European Qualifications Framework for Lifelong Learning**.

1. Professional profile

The Higher Technical Professional Course in Industrial Management aims to train professionals **who are able to carry out industrial management activities**, including planning and supervising continuous, discontinuous or project-based production plans; logistics and supplies; industrial maintenance; quality; occupational health, safety and hygiene; human resources; and product defrayal systems.

2. Professional opportunities

Mid- or high-level staff in industrial or service companies, consultancy companies or technical advice companies, as well as other (public or private) organisations in the fields of industrial management (production, supplies, logistics, quality, maintenance) and management of industrial projects (restructuring operations, audits and impact assessments, planning, preparation, execution and control).

3. Entry requirements (one of the following)

- 3.1 Having completed a **secondary education course** qualification or a legally equivalent qualification.
- 3.2 Having passed the special exams for assessing capacity to attend higher education for **people over 23** (Decree-Law no. 64/2006 of 21 March).
- 3.3 Holding a technological specialisation diploma, a higher technical professional diploma or a higher education qualification.

4. COURSE STRUCTURE

YEAR 1 - 60 ECTS

	Course units	Sem.	Contact hours	ECTS
General and scientific training	Communicating in the Portuguese Language	1	50	5
	Business Organisation and Management	1	50	5
	Information and Communication Technologies	1	40	4
	Technical English	2	50	5
Technical training	Work Organisation and Methods	2	40	4
	Statistical Control and Process	1	50	5
	Company Law	1	40	4
	Production Management	1	70	7
	Cost Analysis and Control	2	50	5
	Technical Computer Drawing	2	50	5
	Industrial Planning	2	60	6
	Occupational Safety, Hygiene and Health	2	50	5
			600	60

YEAR 2 - 60 ECTS

	Course units	Sem.	Contact hours	ECTS
Technical training	Supplies and Logistics	1	60	6
	Maintenance Management	1	50	5
	Total Quality Management	1	50	5
	Industrial Management Project	1	50	5
	Information and Management Support Systems	1	50	5
	Energy and Environmental Management	1	40	4
On-the-job Training	On-the-job Training – Internship (750 hours)	2		30
			300	60
	Total	900	900	120

FOR FURTHER INFORMATION

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Exclusive conditions

- Extensive parking on campus.
- A comfortable, welcoming environment throughout the campus.
- Easy access by public transport, particularly the metro at ISMAI station.
- An environment with new technologies and sport, improved with the construction of a new, state-of-the-art sports complex.

Address

Avenida Carlos de Oliveira Campos
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4475-690 Maia

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Metro/Line C - ISMAI

5. Continuing studies – Bachelor's degrees

- 5.1 The application by holders of Higher Technical Professional Diplomas to attend IPMAIA Bachelor's degrees is subject to the conditions established by the institution body that is competent to do so in accordance with the law and the statutes. Depending on the Higher Technical Professional Course and Bachelor's degree, these conditions may establish the need to pass a specific IPMAIA admission exam, or allow the exemption to perform such an exam.
- 5.2 Credits acquired on the Higher Technical Professional Course may be transferred to a Bachelor's degree programme when continuing studies.

Observations

- a) Students who intend to apply for an IPMAIA Bachelor's degree course and must sit the specific admission exam will receive suitable preparation during the teaching of the Higher Technical Professional Course.

