

Information about Foundation ITS PRIME Tech Academy

ITS Prime Tech Academy Foundation was founded in Tuscany in 2011, by the Ministry of Education, to respond to the request of local companies for highly qualified technicians in the mechanical, mechatronic and IT fields.

Registered office: via Panciatichi 29, 50127 Florence

Legal nature: Participatory Foundation

President: Ludovica Fiaschi

Members of the ITS PRIME Tech Academy Foundation:

7 municipalities and provinces, 46 companies, 14 secondary schools, 2 universities, 9 training centres, 10 associations of workers and employers.

(for details: <http://www.itsprime.it/chi-siamo/>)

Courses:

Every year, ITS PRIME Tech Academy organises **two-year courses leading to the qualification of Higher Technician**, specialising in technology and innovation within the mechanical, mechatronics and IT sectors. These are non-academic tertiary-level training courses (i.e. following completion of upper secondary school), corresponding to Level 5 of the European Qualifications Framework (EQF).

All courses have a limited intake, ranging from a **minimum of 20 students to a maximum of 25 students**; selection among the participants is provided through curricular evaluation by qualifications and experiences, a written test and a motivational interview.

Courses starting November 2026

ADVANCED RAIL SYSTEMS SPECIALIST

HIGHER TECHNICIAN IN ADVANCED TECHNOLOGIES
FOR RAIL TRANSPORT

<https://www.itsprime.it/corsi-itsprime/advanced-rail-systems-specialist/>

Course location: Pistoia



INDUSTRIAL PLANT MANAGER SPECIALIST

HIGHER TECHNICIAN FOR THE MAINTENANCE AND OPTIMISATION
OF COMPLEX INDUSTRIAL PLANT

<https://www.itsprime.it/corsi-itsprime/industrial-plant-manager-specialist/>

Course location: Firenze

INDUSTRIAL ROBOTICS SPECIALIST

HIGHER TECHNICIAN FOR THE DEVELOPMENT AND INTEGRATION OF
AUTOMATION AND ROBOTICS SYSTEMS FOR INDUSTRY

<https://www.itsprime.it/corsi-itsprime/industrial-robotics-specialist/>

Course location: Firenze

INDUSTRIAL SYSTEMS MECHATRONICS SPECIALIST

HIGHER MECHATRONICS TECHNICIAN FOR THE INNOVATION AND DIGITISATION
OF INDUSTRIAL PRODUCTION AND SERVICE PROCESSES

<https://www.itsprime.it/corsi-itsprime/industrial-systems-mechatronics-specialist/>

Course location: Firenze

OPTICAL & ELECTRONIC SYSTEMS SPECIALIST

HIGHER TECHNICIAN FOR THE DEVELOPMENT AND APPLICATION OF ADVANCED
OPTICAL-ELECTRONIC AND MEASUREMENT SYSTEMS

<https://www.itsprime.it/corsi-itsprime/optical-electronic-systems-specialist/>

Course location: Campi Bisenzio (FI)

PLANT OPERATIONS & MAINTENANCE SPECIALIST

HIGHER TECHNICIAN IN AUTOMATION AND ADVANCED MANAGEMENT
OF COMPLEX INDUSTRIAL PLANT SYSTEMS

<https://www.itsprime.it/corsi-itsprime/plant-operations-maintenance-specialist/>

Course location: Lucca

SMART MACHINE SYSTEMS SPECIALIST

HIGHER TECHNICIAN FOR THE DESIGN AND INTEGRATION OF
MECHATRONIC SYSTEMS FOR INDUSTRY

<https://www.itsprime.it/corsi-itsprime/smart-machine-systems-specialist/>

Course location: Pistoia



Detailed information about the courses can be found on website of ITS PRIME Tech Academy at <https://www.itsprime.it/corsi/nuovi-corsi-26-28/> and on the Erasmus+ page of the same website at <https://www.itsprime.it/erasmus/>.

Admission requirements:

Possession of a **Secondary School Diploma or a four-year Vocational Education and Training (leFP) pathway supplemented by a one-year Higher Technical Education and Training (IFTS) pathway;**

Age between **18 and 35** (not yet reached by the application deadline);

Basic knowledge of the English language and computer skills.

Female candidates and/or candidates belonging to disadvantaged categories who are found suitable during the selection process will be automatically admitted to the course as students, up to the reserved quota assigned to them (50% of places for women, 7% for disadvantaged categories in accordance with Law 68/1999). Admission requirements will be verified during the selection process.

Recognition of previous training pathways

Any requests for recognition of training credits must be submitted in writing, together with appropriate documentation, by the course start date at the latest. A committee will evaluate the knowledge and skills acquired in other formal and informal contexts and, if the outcome is positive, will award credits in terms of training hours. This will allow the student to be exempted from attending the relevant UFCs (Capitalizable Training Units).

General information on enrollment procedures

All the detailed information to register for the courses can be found on the ITS PRIME Tech Academy website: <https://www.itsprime.it/corsi/nuovi-corsi-26-28/>



How to allocate ECTS credits, based on the workload necessary for the student to achieve the expected learning outcomes

For each course, ITS PRIME Tech Academy has adopted the credit calculation according to the credit system used in the European Higher Education Area ECTS (European Credit Transfer System). For one-year credits, 60 credits are provided, as for most Higher Education Institutions. Typically 1 credit is equivalent to 25 hours of work between classroom (or laboratory for practical activities) and individual study. For each Didactic Module, the workload required by the students to achieve the expected learning outcomes has been evaluated by evaluation experts and modules teachers. The hours of lessons were considered 30% or 50% of the hours of the workload according to the theoretical or theoretical-practical nature of the different modules. The time spent on the internship in the company and on the laboratory activities was considered 100% of the workload.

Information on the organisation of mentoring and accompanying services

For each course a coordinator and a tutor will be appointed, who will follow and monitor the didactic activities and solve any collective or personal problems of the students.