

12th Grade Science and Technology Industry of Sustainable Development

BAC STI2D SCIENCES ET TECHNOLOGIE DE L'INDUSTRIE ET DU DÉVELOPPEMENT DURABLE

Educational Program Objectives

The 12th Grade STI2D offers a concrete and active approach that relies on technology to acquire the basics necessary for success in higher education. The link with sustainable development and its problems is clearly highlighted.

Based on new technology (smartphone, digital tablet, connected object...), STI2D is for people interested in innovation and in compliance with environmental preservation.

Teaching in STI2D is based on:

A common core of education in literary and scientific fields

A transversal technology education that aims to develop specific knowledge and know-how

Technological education taught in foreign language (English) aimed basically to develop communication

Personalized support provides for the learner enabling an effective support and develops student capabilities in order to meet the expectations.

Four specific technical educations, which aim to respond to a typical problem, to imagine the technical solutions, to understand the design and management of the product, and communicate on the choices made.

- S.I.N.: Information Systems and Digital

Purpose: acquisition, processing, transport, management and restitution of information.

- E.E.: Energy and the Environment

Purpose: management, transport, distribution and use of energy.

- I.T.E.C.: Technological Innovation and Eco Design

Purpose: study and research of innovative solutions relating to manufactured goods by integrating the design and ergonomics dimension.

- A.C.: Architecture and Building Construction

Purpose: study and research of architectural solutions for buildings and structures.

Study program

TABLE OF CONTENTS	TIMETABLE 11th Grade	TIMETABLE 12th Grade
Philosophy		2 hours
French	3 hours	
Mathematics	4 hours	4 hours
History Geography	2 hours	
English - Spanish or German	3 hours	3 hours
Physics-Chemistry	3 hours	4 hours
Physical Education - Sport	2 hours	2 hours
Transversal program with 1 hour of English	8 hours	6 hours
Technical specialty	5 hours	9 hours
Individual support	2 hours	2 hours

Skill requirements

The section is open to all students after the 10th grade and requires no special technical skill. These skills will be developed during the education.

Post-secondary studies

The objectives of the STI2D aim to help in orientation for higher study by strengthening the general education and the acquisition of less specialized cross-technology skills.