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Erasmus+ project KA122-VET ’’Internationalization Students’ and Teachers’ Task Force’’

Students’ mobility - IES Politecnic – Palma de Mallorca Spain
Teacher: Stefano Melocchi 14 – 23 May 2022

Lecturer : Stefano Melocchi

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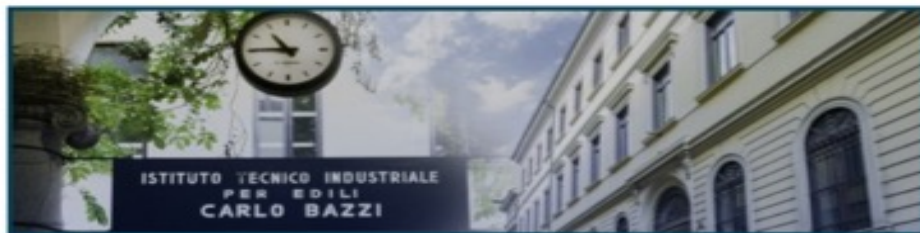


Erasmus Plus Project K1



**"Intenationalization Students' and Teachers' Task Force"
students' mobility short-term**

IES Politecnic – Palma De Mallorca



Melocchi Stefano – ITI.Carlo Bazzi

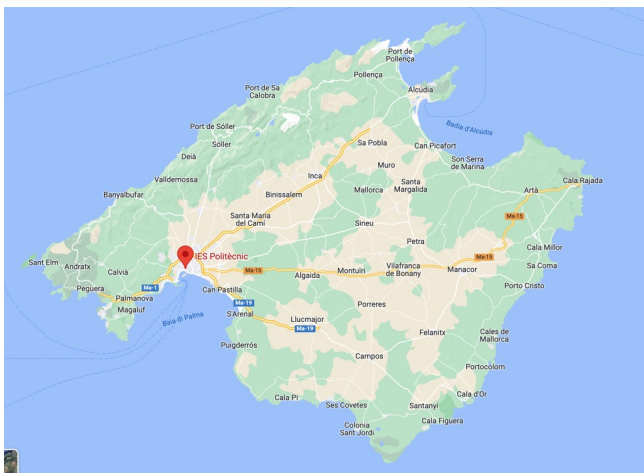




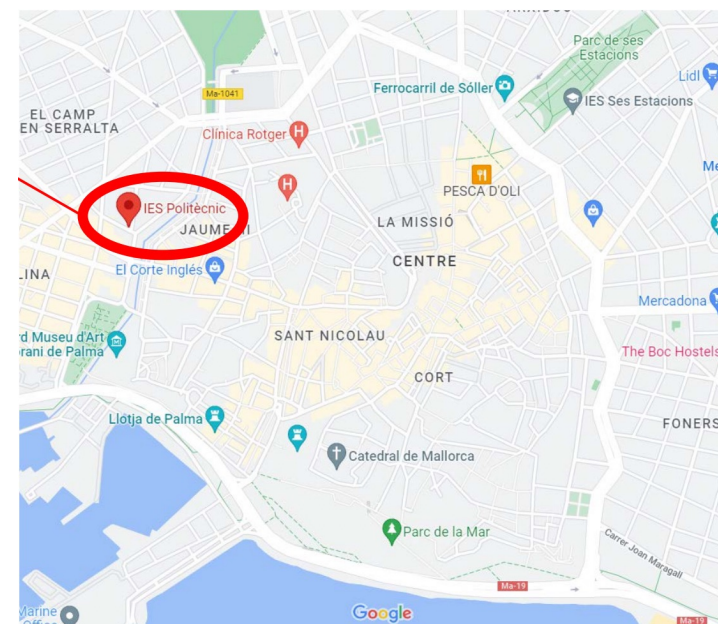
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IES Politecnic – Palma De Mallorca



Palma de Mallorca is a seaside resort and capital of the Spanish island of Mallorca, part of the Balearic Islands. The IES POLITECNIC is located in the old part of the city and is easily accessible by public transport.





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Participant

Teachers :
Stefano Melocchi
Principal :
Umberto Andolfato

Martina Mazzonetto
Nicolò Sansonetti
5A

Marco Massafra
Riccardo Chiodaroli
5A

Jacopo Bortoluzzi
Eldoaka Abdel
4A

Matteo Moscatelli
Marco Bonazza
4A

Catalin Pavalache
Luca Quartara
4A

Giulia Piscioneri
Justin Nell
3A

The student were chosen through a call within the school with criteria, such as : conduct , profit and participation in Erasmus Product



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Our first Erasmus
experience with
students started
on May 14, 2022
and ended on
May 23, 2022





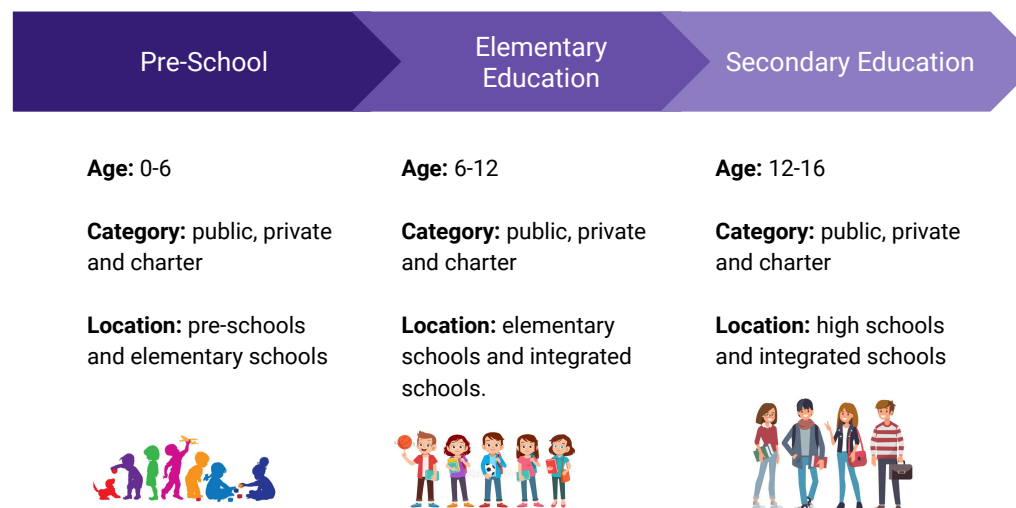
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Spanish school system

The Spanish school system is organized as follows: from 0 to 6 years old, children attend nursery school. From the age of 6 to 12, the kids enter to elementary schools and supplementary schools. From 12 to 16 years of age it continues in high school. The whole cycle is called Compulsory Education.

Compulsory Education



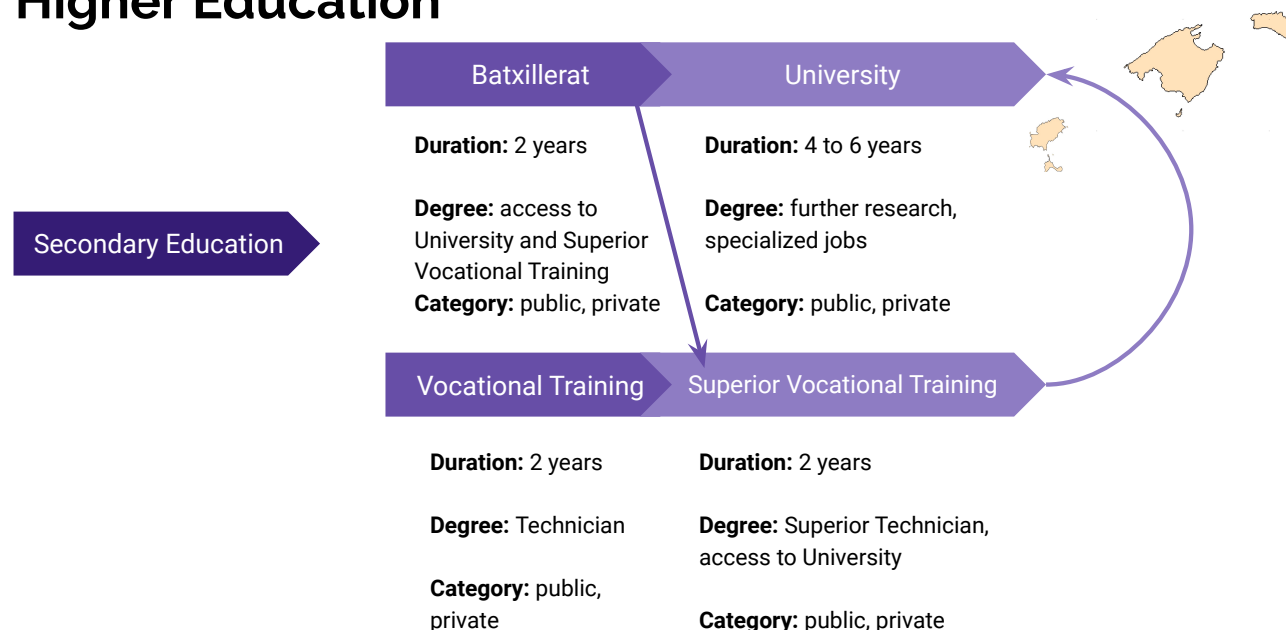


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At 16 the cycle of Secondary Education begins; students can choose to attend the Bachillerato, which lasts for two years, or to undertake an intermediate professional training that will direct the students to a specific job. At 18 they can continue in their studies by entering Higher Education with a 4-year cycle of studies; the first two years they attend Vocational Training and then once in the following two years the Superior Vocational Training and then once finished they can go to the university .

Higher Education





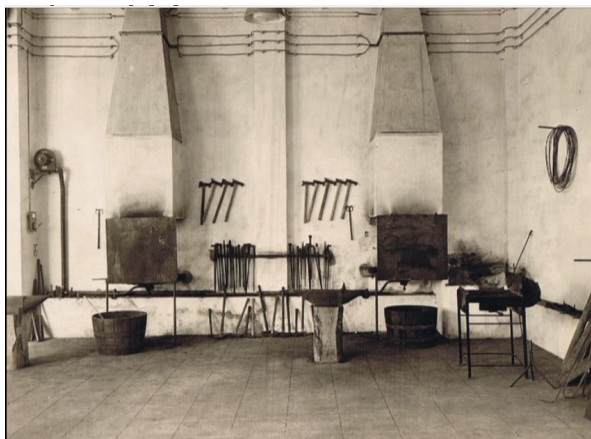
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Ies Politecnic offers secondary and higher education as well as vocational training studies. They have a total of 900 students and 105 teachers. It is a multi-ethnic and multilingual school. The majority of students come from a medium-low social status so the main purpose of the school, as well as education, is to give all students the opportunity to fit into the school itself and into society. Their system is DUAL, morning and afternoon shift.

IES Politecnic

Specialized in Vocational Training
since 1932



Politecnic's Timeline

1932: Vocational Training

2000: Secondary education

2005: Batxillerat

We currently offer 17 vocational training courses, from 5 professional families.



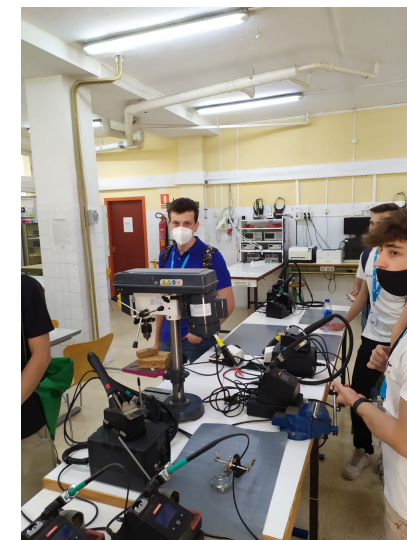
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Workshop activities

VOCATIONAL TRAINING SECTIONS
ELECTRICITY AND ELECTRONICS DEPARTMENT

LEVEL 2 Technician in Telecommunications Installations
LEVEL 2 Technician in Electrical and Automatic Installations
LEVEL 3 Higher Technician in Electronic Maintenance
LEVEL 3 Higher Technician in Industrial Automation and Robotics
LEVEL 3 Higher Technician in Telecommunications and Computer Systems



Vet 1,2,3 students can take advantage of about 25 laboratories where they can carry out activities in: electricity and electronics, building maintenance, heating and cooling, civil engineering, construction, wood and carpentry, upholstery and IT. Therefore, the importance of manual practice, essential in the professional training of a student, should be emphasized.



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WOOD DEPARTMENT.

LEVEL 1. Basic carpentry

LEVEL 2. Technician in Joinery and Furniture Making

LEVEL 2 Higher Technician in furniture





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MECHANICAL DEPARTMENT.

LEVEL 1. Basic mechanics

LEVEL 2. Technician in Electromechanical Maintenance

LEVEL 2. Technician in Refrigeration and Air Conditioning
Installations

LEVEL 3. Higher Technician in Thermal Installation

Mechanical
Engineering
Department



IT DEPARTMENT.

LEVEL 2. Technician in Microcomputer Systems and Networks





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School Halls

All the spaces in the corridors are used to exhibit of building projects carried out by the students, starting from the lower grade up to the higher one, so that everyone can observe the work done and above all the evolution of the programs and skills acquired, during the school years of the same students





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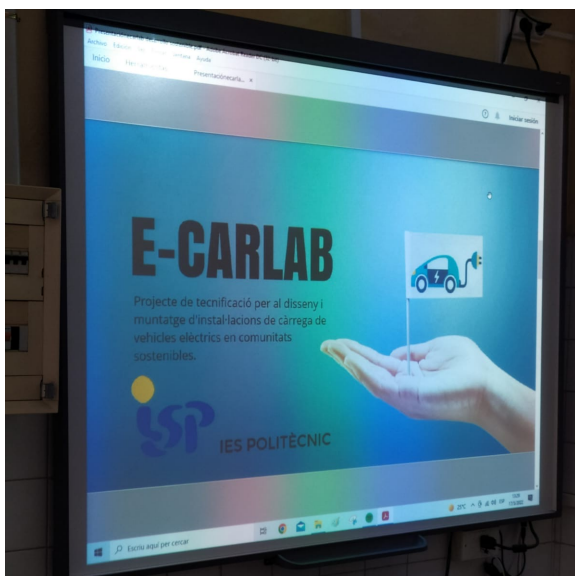
Focus on Global Social Problems

The school is very attentive to global social problems especially on violence against women and femicides, updating and exposing the number of victims daily, to deeply sensitize the students themselves.





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One of the projects in which the Ies Politecnic has participated is the one on the technicalization and design and assembly of charging systems for electric vehicles in sustainable communities.





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Students' activities

Modeling

This type of activity, absent in our school, has given our students the opportunity to reproduce a computer project in the form of a model. Three Spanish students won a competition by reproducing three types of shops, such as an ice cream parlor, a sushi bar and a smoothie kiosk, which can be easily and efficiently transported in a container.





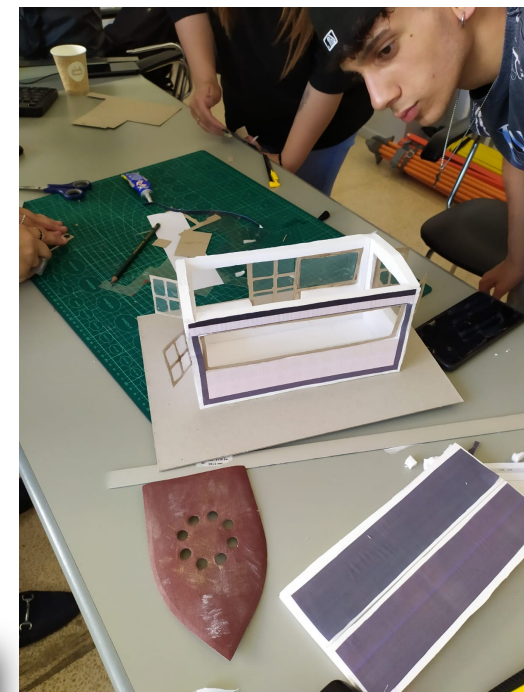
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The group activity brought an experience, as well as manual practice, of cooperation and greater socialization between Italian and Spanish students

interview with students of IES Politecnico by Martina Mazzonetto

<https://youtu.be/oSOEb10WDLs>





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Student's activities at Fundaciòn Laboral De La Costrucciòn





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CONSTRUCTION DEPARTMENT.

LEVEL 2. Technician in Construction

LEVEL 2. Decoration

LEVEL 3. Higher Technician in
construction projects

LEVEL 3. Higher Technician in civil
projects

The Foundation is a department of the IES Politecnico where students carry out the practical part of their school program in the construction sector weekly. It also welcomes all those who either have not finished their studies or have remained unemployed, giving them the opportunity to learn new competences and find a new job later. The Foundation is subsidized by the central government of the Balearic Islands.





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Safety devices inside the construction site

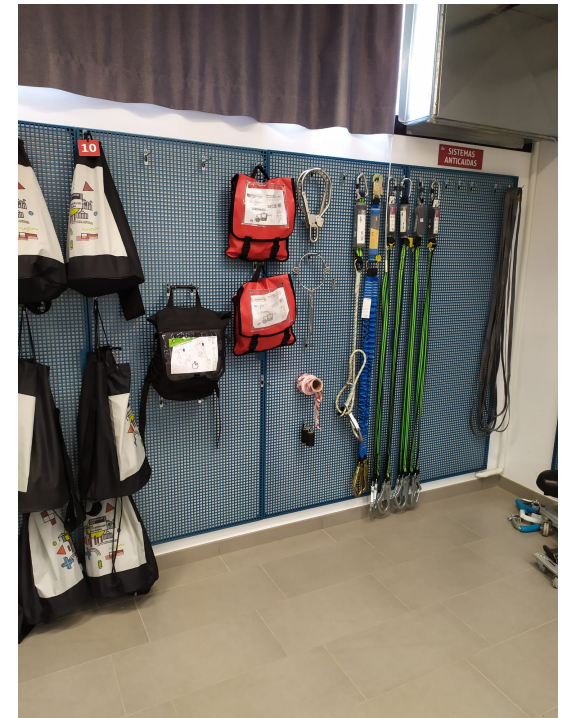




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Inside the foundation there are all the personal and collective safety devices that can be used by the students themselves to understand the right use. Note the simplicity and order within the halls of the foundation for greater functionality of the tools themselves.





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The faculty of the foundation teach our students the correct use of harnesses to avoid falls from considerable heights and for greater personal safety during construction site activities.



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Our students' were able to experience all the practical works that can be carried out within a construction site.

<https://youtu.be/GQnmdiHdARM>





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Visit to IES Calvià - Teacher's welfare

- Separated spaces for work and rest: "IKEA room" with kitchen
- Contact with nature: picnic tables and gardens
- Cultivate body and mind: dance lessons twice a week, mindfulness
- Strengthen personal bonds: lunch, dinners...



Particular attention in this school to the health and well-being of teachers. The teachers' room is well structured and allows teachers to have spaces to relax, reflect, discuss with other teachers to face the subsequent teaching hours in the best possible way. Inside there is also the possibility of cooking and dining together.





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Thanks to :

Joana Garau (Erasmus referent of IES Politecnico)

Claudio Calleja (director of the Fondaccion)

Our experience:

<https://youtu.be/mEEiQ8iaCfg>

Our students feedback :

<https://www.youtube.com/watch?v=sq7o25VNJ8o>