



OUR SCHOOL

**Istituto Tecnologico Statale
“ L. Vanvitelli ”
Construction, Environment and
Territory
“Geotechnical”**

a.s. 2012/13



Sede Centrale –

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Sede coordinata –

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Info.itgvanvitelli@pec.it



WE ARE HERE IN CAVA DE' TIRRENI

Our School Istituto Tecnologico Statale “L. Vanvitelli” is a Technical School for Surveyors, located in Cava de' Tirreni, very close to the Amalfi Coast and Salerno.



IN THE PROVINCE OF SALERNO



IN CAMPANIA REGION



IN ITALY



OUR HISTORY

The School was founded on October 1st, 1962
thanks to the support of our local authority and the financial
aids of the Province of Salerno.



It was a branch of the Technical School “Genovesi” in Salerno.

At first it was located in Della Corte Palace in Corso Umberto I and was named “Matteo Della Corte”.

It offered 5 year courses of studies in two areas:

- ❖ Accountancy
 - ❖ Surveying
- with five classes for each area.



Later when the school population increased, extra classrooms were added.

On 23rd November 1980 a violent Earthquake destroyed part of the school so classes were delocated in different local schools.



In 1989/90, it started operating as an autonomy school and was located in Generale Luigi Parisi Street.

At the beginning of the 1990's the school was named "Luigi Vanvitelli" to honour the famous architect who had built the imposing Royal Palace in Caserta and many other important works.



The throne room



The Park



Nowadays the Secondary Technical School “L.Vanvitelli”
is located in Via Papa Giovanni XXIII in Cava.



It has 29 classrooms, 18 in Cava de' Tirreni.



and 11 classrooms in its own branch in Nocera Superiore
at 7 kilometers from Cava.

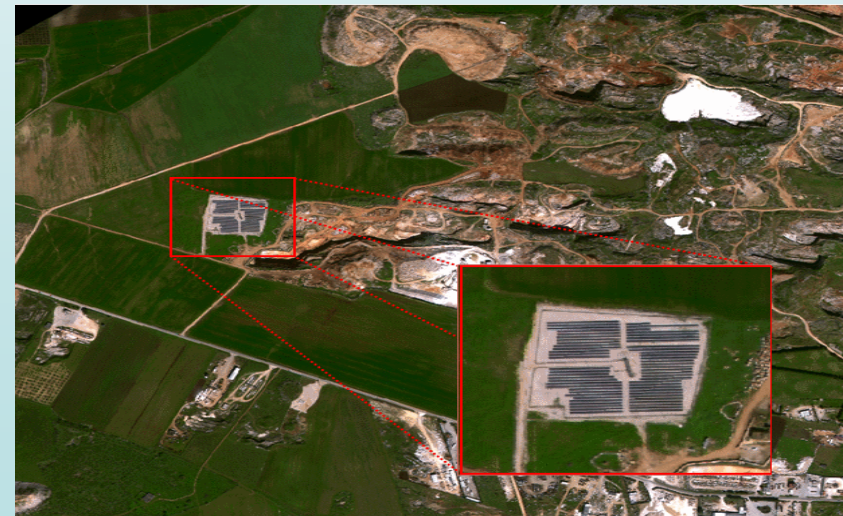
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THE TYPES OF CURRICULA IN OUR SCHOOL

THERE ARE TWO TYPES OF CURRICULA
IN OUR SCHOOL:

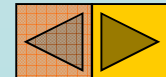


- ❖ **CONSTRUCTION, ENVIRONMENT AND TERRITORY**
- and
- ❖ **GEOTECHNICAL**



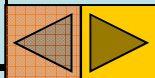
Construction, Environment and Territory

SUBJECTS	I	II	III	IV	V
ITALIAN	4	4	4	4	4
HISTORY	2	2	2	2	2
ENGLISH	3	3	3	3	3
LAW	2	2			
MATHEMATICS	4	4	3	3	3
SCIENCE AND BIOLOGY	2	2			
PHYSICS	3	3			
CHEMISTRY	3	3			
TECHNICAL DRAWING AND TECHNOLOGY	3	3			
COMPLEMENTS OF MATHEMATICS			1	1	
INFORMATICS	3				
SCIENCE AND TECNOLOGY APPLIED		3			
PLANNING, CONSTRUCTION AND SYSTEMS			7	6	7
TOPOGRAPHY			4	4	4
BUILDING SITE MANAGEMENT and SAFETY AT WORK			2	2	2
GEOPEDOLOGY AND ASSESSMENT VALUE			3	4	4
PHYSICAL EDUCATION	2	2	2	2	2
RELIGION OR ALTERNATIVE ACTIVITIES	1	1	1	1	1
TOTAL	32	32	32	32	32



GEOTECHNICAL

ITALIAN	4	4	4	4	4
HISTORY	2	2	2	2	2
ENGLISH	3	3	3	3	3
LAW	2	2			
MATHEMATICS	4	4	3	3	3
SCIENCE AND BIOLOGY	2	2			
PHYSICS	3	3			
CHEMISTRY	3	3			
COMPLEMENTS OF MATHEMATICS			1	1	
INFORMATICS	3				
TECNOLOGIES AND TECHNIQUES OF GRAPHIC REPRESENTATION	3	3			
SCIENCE AND TECNOLOGY APPLIED		3			
GEOLOGY AND APPLIED GEOLOGY			5	5	5
TOPOGRAPHY AND CONSTRUCTION			3	3	4
BUILDING SITE MANAGEMENT and SAFETY AT WORK			2	2	2
TECNOLOGIES FOR LAND MANAGEMENT AND ENVIRONMENT			6	6	6
PHYSICAL EDUCATION	2	2	2	2	2
RELIGION OR ALTERNATIVE ACTIVITIES	1	1	1	1	1
TOTAL	32	32	32	32	32



BASIC SCHOOL SUBJECTS

The students study Italian, English language, History, Science, PE, Chemistry, Physics, Informatics, Religion.



Computer Laboratory

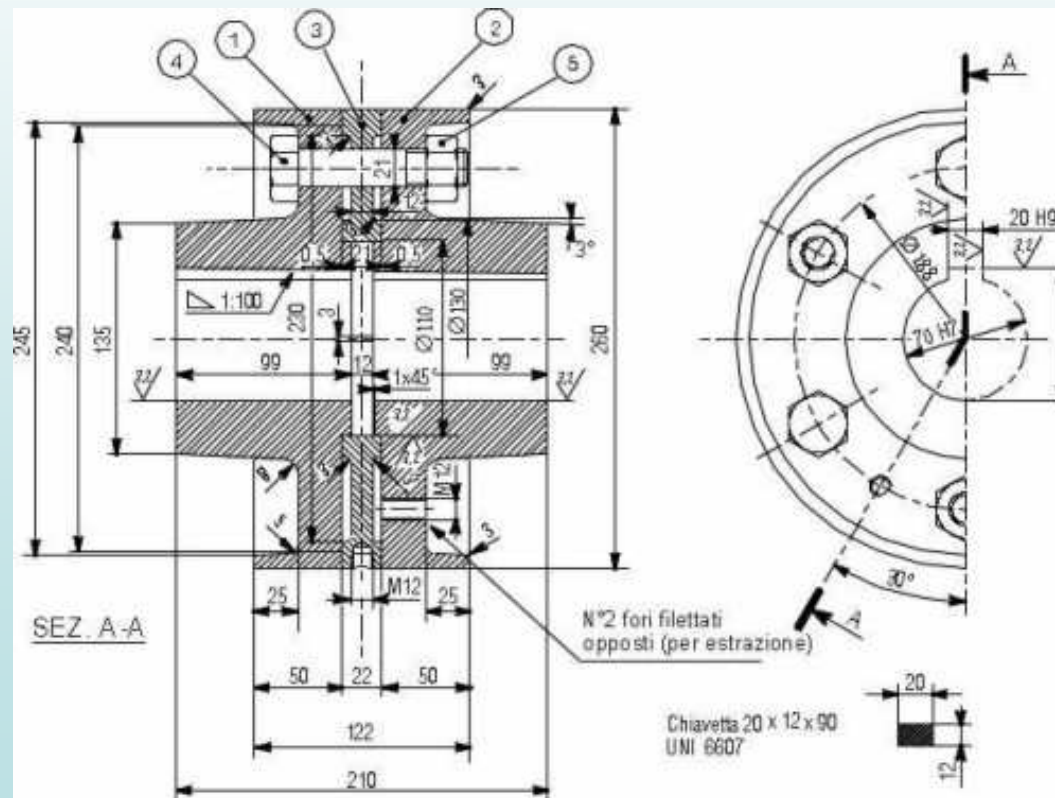
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SOMETHING ABOUT THE TECHNICAL SUBJECTS TAUGHT IN OUR SCHOOL



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- ❖ **Technical drawing** is a form of graphic communication.
- This type of drawing is used in the transforming of an idea into physical form. Today the mechanics of the drafting task have been greatly accelerated through the use of CAD systems.



❖ **Geopedology** refers to the study of environmental management, geological hazard evaluation and antropic impact.



❖ **Construction Management** refers either to the study and practice of the managerial and technological aspects of the construction industry.



❖ **Building technology** refers to the study and use of the building materials and the techniques to construct a building in particular the structural and interior fittings



❖ **Topography** (*topo-*, "place", and *graphia*, "writing") is the study of Earth's surface features. It specifically involves the recording of relief or terrain, the three-dimensional quality of the surface, and the identification of specific landforms. It is often considered to include the graphic representation of the landform on a map by a variety of techniques.



Our students in Sardinia during an activity of vocational guidance funded by Europe and Campania Region

Project PON- POR C5 –September-October 2012



❖ **Plants** is the study of Electrical system, Plumbing system, Heating , Air conditioning systems and alternative sources of energy.



TECHNICAL AND PROFESSIONAL COMPETENCES AT THE END OF THE COURSE

Students will gain competence in a wide range of skills. They will be competent in the field of construction industries to use surveying tools and instruments , computers for graphing and calculation, to report technical and economic assessment of private property and public buildings, to use environmental resources;
they will be proficient in graphic design, in the organization of building sites, in the estimation of land, buildings and other parts of the territory, and the rights of real concern to them, including cadastral operations and management of properties.



AFTER SCHOOL

The students can work in different areas including the design of new buildings, refurbishment, specification and Supervision of construction work, alterations and extensions to existing buildings.

They may also be involved in negotiations with property owners when building work affect their legal rights.

Leaving students are also granted admission to any Italian University Departments.



PON IN ITALY

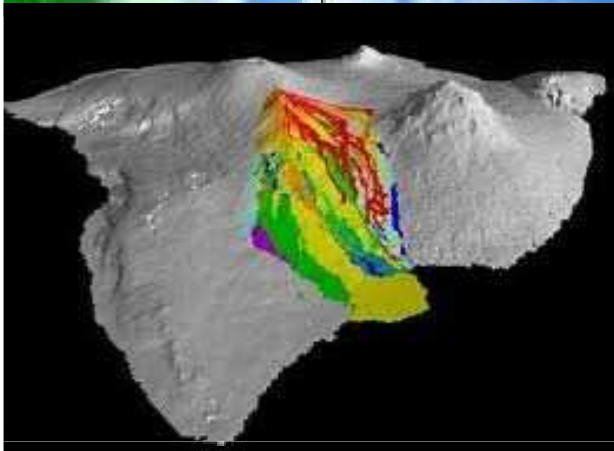
... AL RENDERING TRIDIMENSIONALE



Building in 3D

Creation of
buildings in 3D
using Autocad

CAD –GIS Laboratory



IMPORTANT EUROPEAN PROJECTS

PON-POR C1 “Live and work all over the world” Eastbourne – England
a.s.2011-2012



PON-POR C1 “My friend.....job” –Eastbourne - England
a.s.2011-2012

Istituto tecnico L.Vanvitelli Cava de' Tirreni -Italy

PON – POR C5
August 2012 – Vocational guidance - Romania



Istituto tecnico L. Vanvitelli Cava de' Tirreni -Italy

Italian project restoration works

PON-POR C5

October- November 2012

La forza della Natura

Emilia Romagna- Italy

Building inspection of damaged constructions by the earthquake
The students will contribute to the reconstruction



PON-POR C5

September-October 2012

Sardegna- Italy



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PON – POR C5 “BUILDING IN EUROPE” October- November 2011 Vilnius- Lithuania



**STAGE
AT “SENOVE”
BUILDING COMPANY**



PON – POR C1 “LIVE AND WORK IN ENGLAND” Sept.– Oct.2011 Birmingham - England



MULTILATERAL COMENIUS PARTNERSHIP

“FOOD AND HEALTH” 2008- 2010

National E Quality



Meeting -Nazilli Turchia



**Welcome to Cava de' Tirreni
Italy**



**Meeting -Cava de' Tirreni
Italy**



Meeting – Iasi - Romania



Meeting –Bucharest -Romania



Meeting –Seixal -Portugal

MULTILATERAL COMENIUS PARTNERSHIP “WATER IN EUROPE” 2005-2007

Delegations of
students
from Italy
Itg. L. Vanvitelli
and Liceo
Scientifico Statale,
Poland, Austria
and Spain



Cabra - Spain

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INDIVIDUAL TEACHERS' MOBILITY

Preparatory visit -Karaman
Turkey- January 2011



Group of European teachers

STUDY VISIT – SWEDEN- VASTERAS
May 2009



European
experts
on education
In Sweden



Presentation of the project
Comenius "
Eco-ideas-Eco-citizens

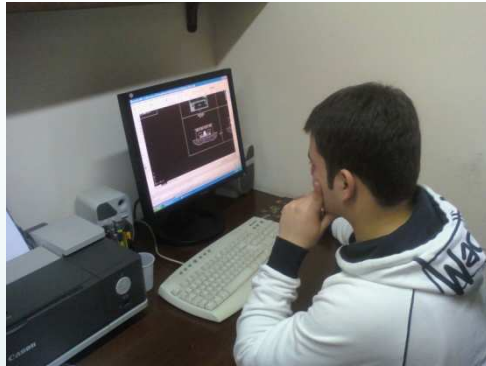


Teachers' room in the Swedish
School



Students' computer area

a.s. 2012-2013



School Project POF
Training activity by
a private planning office



School Project POF
Training activity by
Centro Ceramiche



OUR SCHOOL IS:

- A **TRINITY** EXAMINATION CENTRE
- AN **ECDL** EXAMINATION CENTRE

OFFERS

- **TRAINING ACTIVITY**
IN PRIVATE AND
PUBLIC PLANNING OFFICES
IN ITALY AND ABROAD
- **ENGLISH LANGUAGE COURSES**
IN ITALY AND IN GREAT BRITAIN

**IT IS :
EFFICIENT
MODERN
EUROPEAN
AND
INNOVATIVE**

THANK YOU