

**ITS mecatronico**  
istituto tecnico superiore



REGIONE DEL VENETO



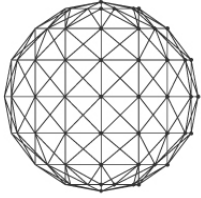
*Ministero dell'Istruzione  
dell'Università e Ricerca*



Provincia di Vicenza

**I.T.S. mecatronico**  
**Istituto Tecnico Superiore**  
**(Higher Technical Education)**





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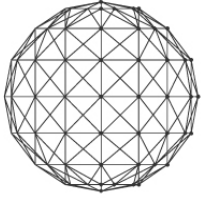
# ITS general fact sheet

**ITS are joint ventures, legal entities formally independent from state schools**

**They are private bodies with overriding public interest, established with a decree of the Ministry of Education.**

**They are managed by their own bodies (President, Board of Trustees, Executive Committee, CTS, Assembly of participation)**

**Mixed funding system, based on state and private funding**



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# ITS ACTIVITIES

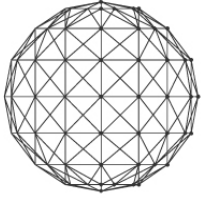
**A two-year course, 2000 school-hours, final degree for the achievement of “Level 5” of the European Qualifications Framework.**

**Short courses for employed people and retraining courses**

**Refresher courses for teachers**

**Promotion and orientation activities**

**Research in the technological field**



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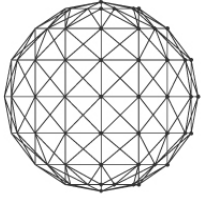
# ITS - TEACHING FEATURES

**Based on the dual system (split week), about 50% of the total amount of time consists in internships**

**50% of the teaching staff belongs to the working world**

**240 hours (within the two-year course) consist in “team working”:**

**to enhance skills teaching, students are divided in groups of six and are challenged to develop a project, from the initial idea all the way to its final implementation**



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# ITS - THE COURSES

## “ Automation and Mechatronic Systems Technician”

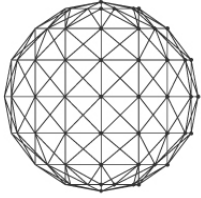
### **Skills to be achieved:**

**designing mechatronic systems**

**building and installing mechatronic systems**

**operating mechatronic systems**

**programming and operating the productive maintenance of mechatronic systems**



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# ITS – THE COURSES

## **“Mechanical Products and Process Innovation Technician”**

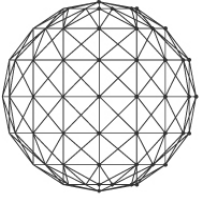
### **Skills to be achieved:**

**developing design, prototypes and industrialization strategies**

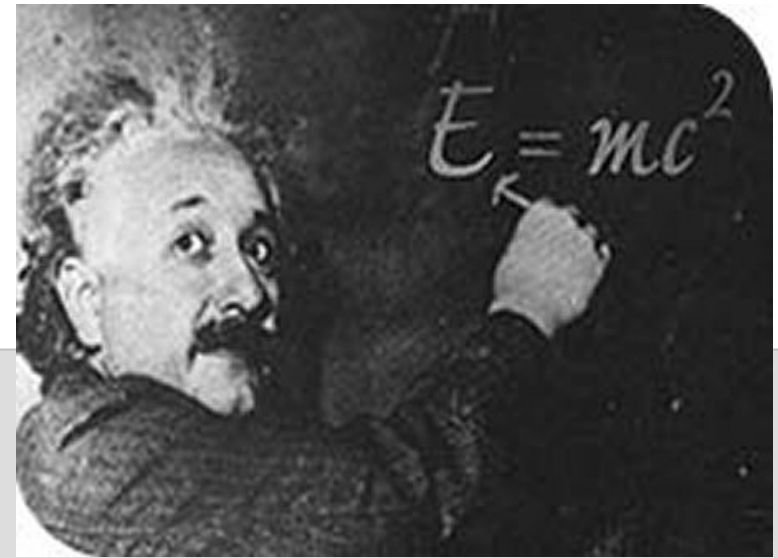
**searching for materials, processing and maintenance**

**selecting processing technologies and equipment**

**managing after-sale and maintenance issues**



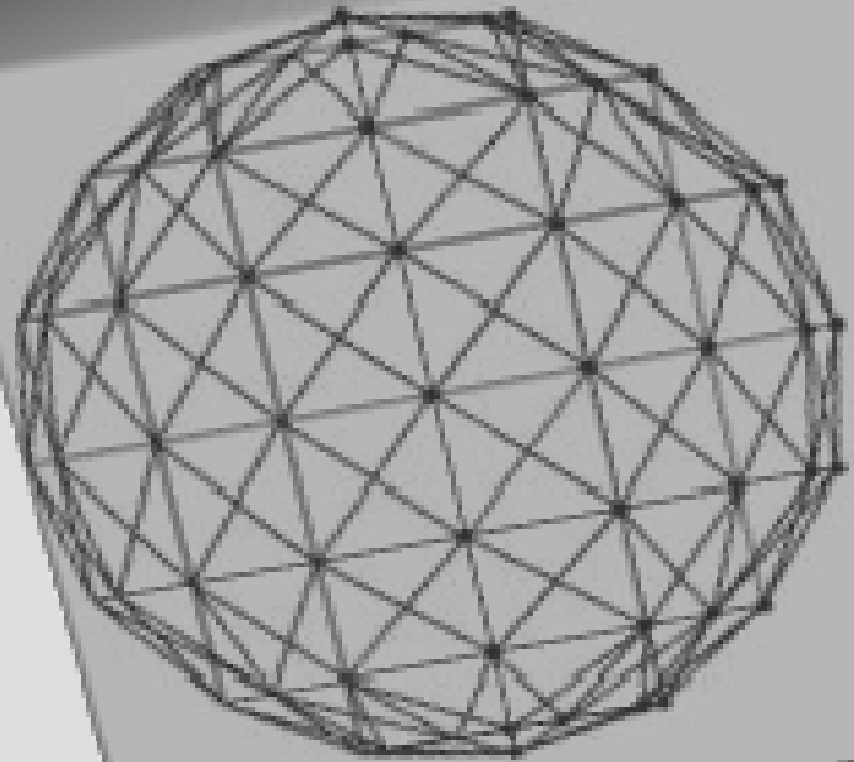
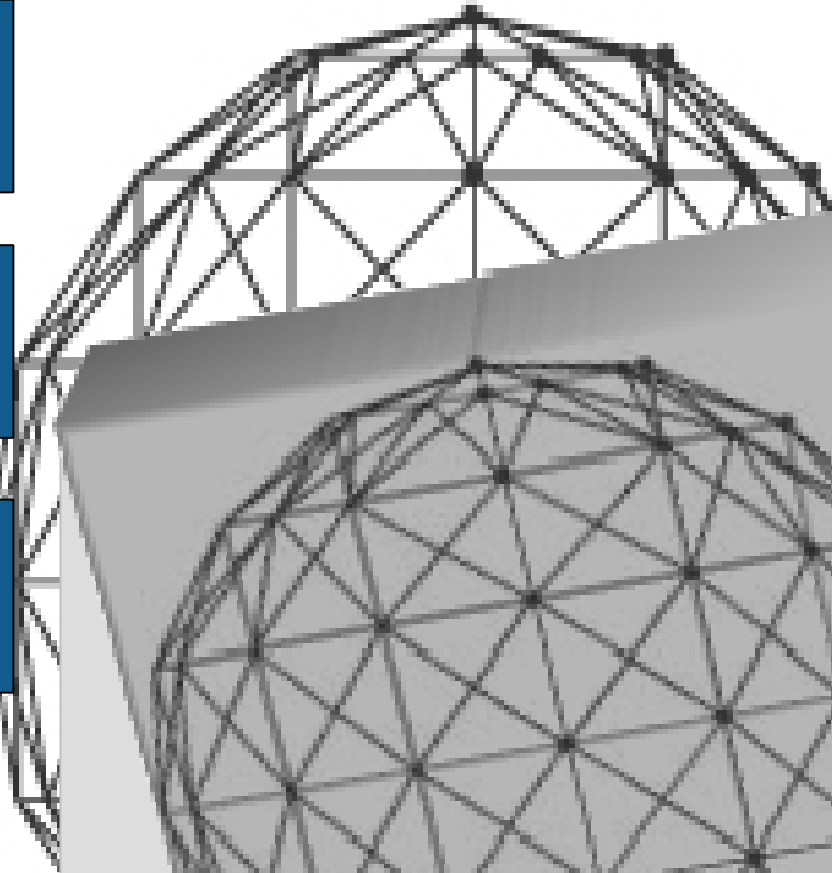
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## A new school.....

“Insanity: doing the same thing over and over again and expecting different results.”

A. Einstein



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