



034IN - FONDAMENTI DI AUTOMATICA - FUNDAMENTALS OF AUTOMATIC CONTROL A.Y. 2025-2026

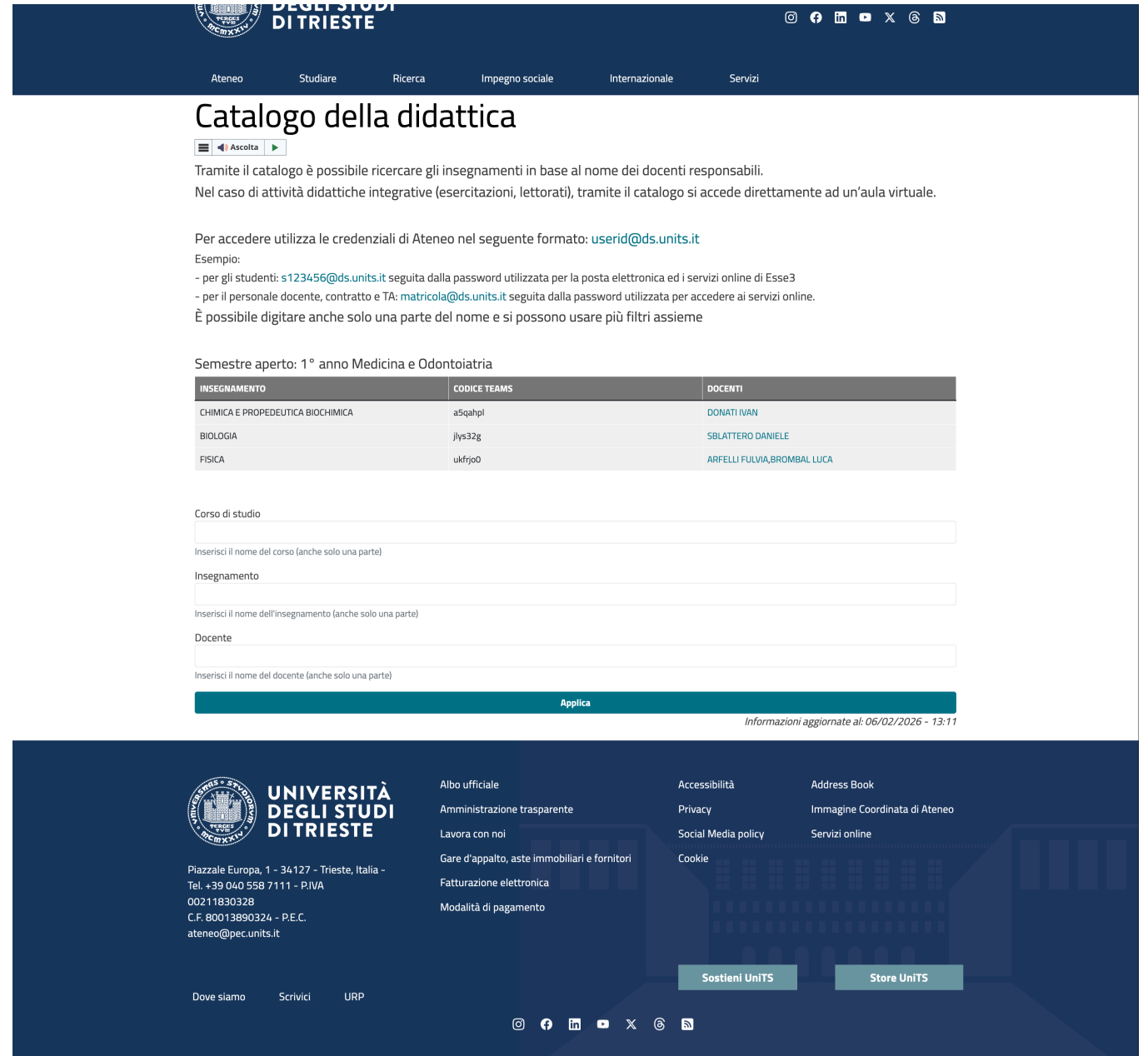
Part 0: Useful Information (material, examination, etc.)

Gianfranco Fenu, Thomas Parisini

Department of Engineering and Architecture

Accessing the Course Material - Everything in MS Teams

<https://www.units.it/catalogo-della-didattica-a-distanza>



The screenshot shows the 'Catalogo della didattica' page on the University of Trieste website. The page features a navigation menu with options like 'Ateneo', 'Studiare', 'Ricerca', 'Impegno sociale', 'Internazionale', and 'Servizi'. The main content area includes a search bar with a play button and a list of courses for the 'Semestre aperto: 1° anno Medicina e Odontoiatria'. Below the list is a search form with fields for 'Corso di studio', 'Insegnamento', and 'Docente', followed by an 'Applica' button. The footer contains contact information, social media links, and a 'Sostieni UniTS' button.

Catalogo della didattica

Tramite il catalogo è possibile ricercare gli insegnamenti in base al nome dei docenti responsabili.
Nel caso di attività didattiche integrative (esercitazioni, lettori), tramite il catalogo si accede direttamente ad un'aula virtuale.

Per accedere utilizza le credenziali di Ateneo nel seguente formato: [userid@ds.units.it](mailto:user@ds.units.it)
Esempio:
- per gli studenti: s123456@ds.units.it seguita dalla password utilizzata per la posta elettronica ed i servizi online di Esse3
- per il personale docente, contratto e TA: matricola@ds.units.it seguita dalla password utilizzata per accedere ai servizi online.
È possibile digitare anche solo una parte del nome e si possono usare più filtri assieme

Semestre aperto: 1° anno Medicina e Odontoiatria

INSEGNAMENTO	CODICE TEAMS	DOCENTI
CHIMICA E PROPEDEUTICA BIOCHIMICA	a5qahpl	DONATI IVAN
BIOLOGIA	jlvs3zg	SBLATTERO DANIELE
FISICA	ukfrjoo	ARFELLI FULVIA,BROMBAL LUCA

Corso di studio

Inserisci il nome del corso (anche solo una parte)

Insegnamento

Inserisci il nome dell'insegnamento (anche solo una parte)

Docente

Inserisci il nome del docente (anche solo una parte)

Applica

Informazioni aggiornate al: 06/02/2026 - 13:11

UNIVERSITÀ DEGLI STUDI DI TRIESTE

Piazzale Europa, 1 - 34127 - Trieste, Italia -
Tel. +39 040 558 7111 - P.IVA
00211830328
C.F. 80013890324 - P.E.C.
ateneo@pec.units.it

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Amministrazione trasparente
Lavora con noi
Gare d'appalto, aste immobiliari e fornitori
Fatturazione elettronica
Modalità di pagamento

Accessibilità
Privacy
Social Media policy
Cookie

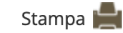
Address Book
Immagine Coordinata di Ateneo
Servizi online

Sostieni UniTS **Store UniTS**

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Catalogo della didattica



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Corso di studio

Inserisci il nome del corso (anche solo una parte)

Insegnamento

Inserisci il nome dell'insegnamento (anche solo una parte)

Docente

Inserisci il nome del docente (anche solo una parte)

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ANNO OFFERTA: 2025/2026

INGEGNERIA INDUSTRIALE (IN03)

INSEGNAMENTO

FONDAMENTI DI AUTOMATICA (034IN - 2025 - [IN03+1+ - Ord. 2024] energia elettrica e dei sistemi - AC 2)

FONDAMENTI DI AUTOMATICA (034IN - 2025 - [IN03+3+ - Ord. 2024] meccanica - AC 2)

FONDAMENTI DI AUTOMATICA (034IN - 2025 - [IN03+5+ - Ord. 2024] gestionale - AC 2)

CODICE TEAMS

de7xgux

de7xgux

de7xgux

PERIODO

S2

S2

S2

DOCENTI

PARISINI THOMAS
FENU GIANFRANCO

PARISINI THOMAS
FENU GIANFRANCO

PARISINI THOMAS
FENU GIANFRANCO

INGEGNERIA ELETTRONICA E INFORMATICA (IN05)

INSEGNAMENTO	CODICE TEAMS	PERIODO	DOCENTI
FONDAMENTI DI AUTOMATICA (034IN - 2025 - [PDSO-2016 - Ord. 2016] comune - AC 2)	de7xgux	S2	PARISINI THOMAS FENU GIANFRANCO

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Course Content & Material

- **The Syllabus of the course in 2025/2026 is slightly different from the past**
- Lecture Handouts (available in MS Teams)
- Matlab examples on Live-scripts (available in MS Teams)
- Full and partial tests with solutions (available in MS Teams, 2023-2024 academic year)
- **Book on the "theory":**
 - ◆ Bolzern, Scattolini, Schiavoni, Fondamenti di Controlli automatici, McGraw-Hill (available in the Library)
- **Book on solved exercises:**
 - ◆ Papadopoulos, Prandini, Fondamenti di Automatica - Esercizi, Pearson Italia (available in the Library)
- **Introduction to Matlab:**
 - ◆ Online MATLAB Courses: <https://it.mathworks.com/support/learn-with-matlab-tutorials.html>

Structure and Requirements

- Two components:
 - ◆ Lectures (classroom)
 - ◆ Practical Exercises Classes (using computers and Matlab)
 - Classroom (please bring your computers/tablets)
 - "Aula informatizzata Nettuno"
- Compulsory ("propedeuticità") earlier courses:
 - ◆ "Analisi 1"
 - ◆ "Geometria"
- Desirable ("consigliato") earlier courses:
 - ◆ "Analisi 2"
- Material from previous courses assumed to be known by Students:
 - ◆ Linear differential equations
 - ◆ Complex numbers
 - ◆ Vector and matrix algebra

Partial tests (highly recommended)

- **Two** partial tests are carried out to evaluate the competencies acquired by the students enrolled in the course in academic year 2025/2026
- Students enrolled in previous academic years will not be allowed to take the intermediate tests; they will take the examination with the content and format of the full test, corresponding to their enrolling academic year.
- The partial tests have an **open-book** format and are carried out by the students during the course timetable.
- The partial tests are strictly personal and group work is not allowed.
- The tests **will be carried out in "Aula Nettuno" equipped with computers with Matlab installed.**

Partial tests (cont.)

- The **first partial test** has a duration of **one hour**, is carried out on the “Matlab Grader” online platform. The duration of the **second partial test** is **one and a half hours**. This test is carried out in the “Matlab Online” platform.
- Each partial evaluation will consist of the solution of a specific problem via the creation of a Matlab solution code. In the case of the second partial test, an explanation of the method used will also be required.

Partial tests & final grade

- If final cumulative mark **Ptot** of the two intermediate tests is ≥ 18 , the following options are available at the student discretion:
 - Register in Esse3 the final mark **Ptot**.
 - Carry out an **additional** (open book) **partial** written **examination** with a maximum mark equal to 5 points and a duration of **one hour**. The registration of the cumulative mark is at the student discretion.
 - Carry out the full examination.

Full test - A.Y. 2025/2026

- **Seven** (two in June/July, two in late August/September, three in January/February) full tests will be carried out to evaluate the competencies acquired by the students enrolled in the course in academic year 2025/2026.
- Each **full test evaluation** will consist of **two parts**, each requiring the solution of specific problems via the creation of a Matlab solution code and, when requested, an explanation of the method used. The two parts have an open-book format.
- **Part 1** will have a duration of **one hour**, and it will be carried out on the “Matlab Grader” online platform, whereas **Part 2** will last **one and a half hours**, and it will be carried out on the "Matlab Online" platform.
- Each full test will be carried out in person in "Aula Nettuno" equipped with computers.
- The full tests are strictly personal and group work is not allowed.

Full tests & final grade

- Part 1 and 2 evaluations contribute to the final grade P_{tot} .
- If final cumulative mark **P_{tot}** is ≥ 18 , the following options are available at the student discretion:
 - Register in Esse3 the final mark **P_{tot}** .
 - Carry out an additional (open book) partial written examination with a maximum mark equal to 5 points and a duration of one hour. The registration of the cumulative mark is at the student discretion.

More information

- See the [online course syllabus](#) for more information (the topics of the partial tests and each part of the full examinations, etc.).

Examination: Expiration of Partial Tests & Additional Examination Marks

- The use of the **additional partial** written **examination** mark to improve:
 - the **partial tests cumulative mark** P_{tot}
 - the **full examination grade** P_{tot}is **ONLY** allowed during the current academic year (for the academic year 2025/2026 until the end of the examination session in February 2027)
- When the exam sessions of the current academic year are over, both the cumulative mark **P_{tot}** and the **additional mark expire**.

Closing Remarks

- The full examination in the format introduced in 2024/2025 and valid in 2025/2026 is slightly different from the one in the academic years before 2024/2025
- Students enrolled before 2023/2024 have to choose among two options:
 - **Option 1**: carrying out the full written examination in the format used in 2022/2023 with topics referring to the 2022/2023 Syllabus.
 - **Option 2**: carrying out the full examination in the current format valid in 2025/2026 with topics referring to the 2025/2026 Syllabus and following the instructions described in the previous slide. **In case Option 2 is chosen, it will not be allowed any more to carry out the full examination in the format used in 2022/2023 with topics referring to the 2022/2023 Syllabus**