



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DIPARTIMENTO
DI INGEGNERIA
DELL'ENERGIA ELETTRICA
E DELL'INFORMAZIONE
"GUGLIELMO MARCONI"

CdD 20241206

"CALL FOR APPLICATIONS" TO 4 SCHOLARSHIPS TO CARRY OUT A COMPANY-BASED LEARNING EXPERIENCE AT ARETÉ COCCHI TECHNOLOGY

Art. 1 – Object and scope

In the framework of the donations made by Energy Technology srl (part of the Group Areté Cocchi Technology), it is launched a "Call for applications" for **4 scholarships** to carry out a company-based learning experience at Areté Cocchi Technology (Via della Solidarietà 2/1, 40056 Valsamoggia – BO), which will be focused mainly on Electrotechnics and Power electronics.

Art. 2 – Application requirements

Students properly enrolled in A.Y. 2023/2024 at the second year of one of the following 2nd cycle Degrees may send off their application:

- LM 8891 – Automation Engineering
- LM 0934 – Ingegneria Elettronica (Bologna Campus)
- LM 8770 – Ingegneria Elettronica e Telecomunicazioni per l'Energia (Cesena Campus)

Moreover, applicants must have registered – upon the expiry of the Call - at least **42 ECTS** and have a CGPA no lower than 27 out of 30.

Art. 3 – Application procedure

Applications should be submitted only through Unibo's Studenti Online (SOL) during the following time frame:

June 24th – July 8th, 2024

The following documents should be enclosed to the application:

- **CV/résumé** which should detail – *inter alia* – the relevant information of the 1st cycle degree (name of the degree, University, CGPA) as well as relevant academic achievements.
- **Trascript of records** of the current degree. Students can select the self-certification which is made available on the online procedure.

As far as the aforementioned documents are concerned, candidates should be aware that:

- a) Italian and EU citizens can self-certify academic and professional degrees under articles 46 and 47 of the DPR 445/2000;
- b) non-EU citizens regularly residing in Italy - as well as those entitled to live in the territory of the Republic - should abide by the subparagraphs 2 and 3 of the article 2 of the DPR 445/2000;
- c) apart from the previous points a) and b), personal facts & information should be proved by certificates issued by competent foreign authorities, along with authenticated translation by the Italian consular authority.

The Administration has the right to verify the documentation provided as to ascertain its truthfulness and accuracy.

Indeed, applicants providing fraudulent claims will lose the scholarship and will face criminal prosecution pursuant to article 76 of the DPR 445/2000.

DIREZIONE E AMMINISTRAZIONE

viale del Risorgimento 2 | 40136 Bologna BO | Italia | tel. + 39 051 2093001
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Art. 4 – Scholarship's amount and payment, length of the experience

Each scholarship is worth 1,500.00 euros (gross amount), which will be wired within 30 days of the completion of the activity and upon receiving the company supervisor's approval. Students will have to agree the activity with the hosting institution, 3 months being its minimum length. Moreover, the experience must finish off no later than March 31st, 2025.

Art. 5 – Evaluation Committee

The Evaluation Committee will be made up of 3 members appointed by the Department, a third of which might be representative of the hosting institution.

Art. 6 – Evaluation criteria

Applicants will be evaluated against the following merit-based criteria:

1. **Academic records (up to 40 points out of 100):** number of exams given and CGPA as well as other academic achievements (e.g. scientific papers, internships etc).
2. **Interview (up to 60 points out of 100):** Applicants' motivation will be assessed as well as their technical skills against the themes set forth on article 7.

Those getting an overall score no lower than **50/100** will be eligible to enter the final ranking, to be worked out by adding up the score on the academic records and the score on the interview.

In order to be admitted to the interview, applicants must obtain at least 20 points out of 40, whereas to pass the interview at least 30 points out of 60.

If two or more scores are equal, the younger applicant will precede in the ranking.

Art. 7 – Interviews and results

The Evaluation Committee will evaluate applicants' qualifications in order to determine those admitted to the interview, whose list will be published on the restricted-access area of Studenti online by **July 11th, 2024**.

Interview shall be held on **July 15th, 2024**, possibly online. Not showing up to the interview will result in the exclusion from the "Call for applications".

Interviews – to be held in Italian and English - will assess Candidates' technical skills against the following themes put forward by the hosting institution:

- Telecommunications systems for powerline communications
- Machine learning techniques
- Electronic systems for power conversion
- Automatic control systems
- Programming of microcontrollers for light signaling applications
- Basic knowledge of electronic simulation tools (e.g. MatLab, Plecs, Spice etc)
- Knowledge of basic power electronic converters
- Electrotechnics
- Electronics for automation
- Power electronics

Upon finishing off interviews, the Evaluation Board will draw up the final ranking, to be published on

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Studenti Online (SOL) by **July 19th, 2024**.

Art. 8 – Acceptance

The Department will contact winners in order to get their declaration of unreserved acceptance of the scholarship under the conditions set forth in this Call.

Should one or more winners give up on their position, the scholarship will be assigned to the next eligible applicant.

Art. 9 – Incompatibility circumstances

The University's general principle on international mobility shall be applied to this "Call for applications", that is, one cannot benefit from 2 grants for the same period.

Art. 10 – Forfeiture

Grantees will forfeit their scholarship in the event of:

- Withdrawal from studies
- Transfer to another degree programme
- Transfer to another University
- Failure to complete the training experience within the deadline set forth on article 4.

Sums already received must be paid back to the Department, according to the procedure defined by the Administration later on.

Art. 11 – Personal data

Personal data enclosed in the applications will be processed with fairness and for call-related purposes only, according to the rules and guidelines set forth [on this webpage](#).

Data controller is the Alma Mater Studiorum – University of Bologna with admin headquarters in Via Zamboni, 33 – 40126 Bologna. The Director of the Department is the leading authority concerning the rights set forth in the article 7 of the aforementioned Personal Data Protection Act ("*Right to Access Personal Data and Other Rights*").

Art. 12 – Legal disclaimer

Please be aware this document has been created **for information purposes only**. In the event of claims and legal issues, the "Call for applications" in Italian shall prevail.

CONTACTS

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