

# Federal University of ABC (UFABC) Visiting Professor Positions (Call 043/2025)

## Program: English as a Medium of Instruction (EMI) – A Strategy for “Internationalization at Home”

This document is a summarized translation of **PUBLIC CALL NO. 43/2025 - REIT (11.01)**, prepared by the International Affairs Office of the Federal University of ABC (UFABC). We strongly recommend consulting the full original file, prepared by the Superintendent of People Management, through its Competitions Division (*Divisão de Concursos*), available at <https://www.ufabc.edu.br/concursos/docentes/professor-visitante/edital-043-2025>. If you have difficulty understanding due to the language, please use a translation application or, if you prefer, contact us by email: [ri@ufabc.edu.br](mailto:ri@ufabc.edu.br).

### GENERAL CONTEXT:

The Federal University of ABC (UFABC) has opened a selection process for visiting professor positions, including a special program focused on "Internationalization at Home" through English as a Medium of Instruction. This summary highlights the key details for applicants interested in the following areas: Machine Learning (option code 25), Economic Sciences (26), Aerospace Engineering (27), Production Engineering (28), and International Relations (29).

The "Internationalization at Home" program aims to internationalize UFABC's curriculum by offering undergraduate and graduate courses taught in English. It seeks to:

- Attract international students;
- Provide UFABC students with academic experience in English;
- Create an intercultural environment on campus;
- Strengthen teaching, research, and extension through global collaboration.

**Visiting professors** will teach and conduct research **entirely in English** and are expected to have strong **pedagogical and linguistic competence** for EMI.

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### Open Areas (Codes 25–29)

#### 1. Machine Learning (Code 25)

##### Objectives:

Support UFABC's undergraduate and graduate programs, strengthen research in Machine Learning, and expand English-taught course offerings.

##### Fields of knowledge:

- Techniques for model selection, evaluation, and comparison of methods;
- Algorithms for regression (e.g., linear, Bayesian, regularization kernels);
- Algorithms for classification (e.g., decision trees, logistic regression, Naive Bayes, SVM);
- Artificial neural networks and deep learning;
- Dimensionality reduction (e.g., PCA, Johnson-Lindenstrauss);
- Classical methods for clustering (e.g., k-means, k-medoids, hierarchical);
- Reinforcement learning;
- Statistical learning theory (e.g., PAC, Rademacher, VC dimension);
- Graphical models (e.g., Bayesian networks, Markov chains, conditional random fields).

#### Expectations:

- Teach undergraduate and graduate courses in English;
  - Supervise theses and research in English;
  - Contribute to UFABC's research networks.
  - **Minimum Required Scores:** *[please check the full scoring table on page 97 of Public Call 43/2025]*  
Title Evaluation: 7.0 (out of 10)  
Final Minimum Score: 7.0
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## 2. Economics (Code 26)

#### Objectives:

Support UFABC's undergraduate and graduate programs, strengthen research in Microeconomics and Quantitative Methods, and expand English-taught course offerings.

#### Fields of knowledge:

- The political economy of capitalist development in Brazil;
- Description and analysis of the relationship between capitalist development, state policies, and socio-economic interest groups;
- Brazilian Economy: contemporary challenges;
- Microeconomics: consumer theory, firm theory, market structures, and general equilibrium;
- Macroeconomics: income determination, economic policy, and open macroeconomics.

#### Expectations:

- Teach undergraduate economics courses and interdisciplinary subjects (e.g., Technology and Society, Introduction to Economics);
  - Participate in postgraduate programs;
  - Develop outreach activities and partnerships with civil society.
  - **Minimum Scores:** *[please check the full scoring table on page 99 of Public Call 43/2025]*  
Title Evaluation: 6.0  
Final Minimum Score: 6.0
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### 3. Aerospace Engineering (Code 27)

#### Objectives:

Support UFABC's undergraduate and graduate programs, strengthen research in Aerospace Engineering, and expand English-taught course offerings.

#### Fields of knowledge:

- Aeronautical Projects and Systems Engineering;
- Aerodynamics; Structural Analysis and Design Techniques;
- Propulsion Systems and Combustion;
- Control Systems;
- Vibrations.

#### Expectations:

- Teach aerospace-related subjects in English, in undergraduate and graduate programs;
  - Guide research and undergraduate projects;
  - Engage in extension and outreach projects;
  - Promote integration with UFABC's engineering ecosystem.
  - **Minimum Scores:** *[please check the full scoring table on page 101 of Public Call 43/2025]*  
Title Evaluation: 6.0  
Final Minimum Score: 6.0
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### 4. Production Engineering (Code 28)

#### Objectives:

Support UFABC's undergraduate and graduate programs, strengthen research in Production Engineering, and expand English-taught course offerings.

#### Fields of knowledge:

- Production systems management;
- Production planning and control;
- Maintenance management;
- Productive processes management (or Manufacturing process management);
- Production systems simulation;
- Engineering economics;
- Techno-financial feasibility of engineering projects.

#### Expectations:

- Offer undergraduate and graduate courses in English;
  - Conduct scientific dissemination and collaboration with research groups;
  - Participate in innovation and applied research initiatives.
  - **Minimum Scores:** *[please check the full scoring table on page 103 of Public Call 43/2025]*  
Title Evaluation: 6.0  
Final Minimum Score: 6.0
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## 5. International Relations (Code 29)

### Objectives:

Support UFABC's undergraduate and graduate programs, strengthen research in International Relations, and expand English-taught course offerings. Advance internationalization through English-language instruction in Global Studies and IR.

### Fields of knowledge:

- Analysis of the Contemporary International Conjuncture (or Analysis of the Contemporary International Scenario)
- International Organizations and Multilateralism
- Organized Global Civil Society
- History of International Relations
- Classical and Contemporary Theories of International Relations

### Expectations:

- Teach International Relations courses entirely in English;
- Conduct research and extension activities with global engagement;
- Contribute to the dissemination of EMI practices within UFABC.
- **Minimum Scores:** *[please check the full scoring table on page 105 of Public Call 43/2025]*  
Title Evaluation: 6.0  
Final Minimum Score: 6.0

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## GENERAL REQUIREMENTS

- PhD in the related field;
- Proven teaching and research experience;
- Demonstrated ability to teach academic content in English;
- Engagement in research and community extension.

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## APPLICATION & SELECTION

- The process includes **title evaluation only** (no written/oral exams).
- Applications and announcements are published at:  
[www.ufabc.edu.br/concursos/docentes](http://www.ufabc.edu.br/concursos/docentes)
- Results, reconsideration requests, and appeals follow official deadlines specified in the call.
- Contact: [concursos@ufabc.edu.br](mailto:concursos@ufabc.edu.br)

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## KEY APPLICATION INFORMATION

- **Application Period:** October 25, 2025, to November 25, 2025.
- **Application Fee:** There is no application fee.

- **How to Apply:** Applications must be submitted exclusively online at <http://sig.ufabc.edu.br/sigrh/public> (under the "Concursos / Concursos Abertos" menu).
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## POSITION DETAILS

- **Total Vacancies for this Program:** There is one vacancy available for each of the specified areas.
  - **Remuneration:** The monthly salary is R\$ 13,288.85.
  - **Workload:** The position requires 40 hours per week with exclusive dedication.
  - **Contract Duration:**
    - For Brazilian professors: 1 year, renewable for up to a total of 2 years.
    - For foreign professors: Up to 2 years, renewable for up to a total of 4 years.
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## CORE REQUIREMENTS FOR APPLICANTS

Candidates must meet the following criteria:

- Hold a Ph.D. for at least two years.
  - Be a researcher or professor of recognized competence in their field.
  - Have relevant scientific production, preferably within the last five years.
  - **English Proficiency:** A mandatory requirement for these specific positions is proof of English proficiency equivalent to or higher than level B2 of the Common European Framework of Reference for Languages.
    - **Accepted Tests:** TOEFL, IELTS, TOEIC, or Cambridge English test results are accepted.
    - **Exemption:** Native English speakers are exempt from this requirement.
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## REQUIRED DOCUMENTS FOR APPLICATION

All candidates must submit the following documents:

1. Proof of Ph.D. degree.
2. Curriculum vitae (or Lattes CV for Brazilian candidates).
3. A spreadsheet listing the items from the CV for the "Prova de Títulos" (Title Evaluation).
4. Supporting documents for the items listed for the Title Evaluation.
5. Photo ID.

**Exclusive Requirements for these specific positions (Codes 25-29):**

- **Research Project:** Must be written in English.

- **Video Presentation:** A video of the candidate presenting the research project, also in English. The link to the video should be included in the written project.
- **Proof of English Proficiency:** As detailed above.

**Documentation Language:** For these positions, the research project and video presentation must be in English. Other documentation can be submitted in either English or Portuguese.

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## SELECTION PROCESS

The selection will be based on two stages:

1. **Title Evaluation (Prova de Títulos):** An eliminatory and classificatory analysis of the candidate's CV and supporting documents. The evaluation criteria are detailed in Annex II of the official notice.
2. **Analysis of the Research Project:** A classificatory evaluation of the submitted research project.

**Tie-Breaker Criteria:** In case of a tie in the final score for positions 25 to 29, the preference will be given to the candidate who, in the following order:

1. Is aged 60 or over, with preference for the oldest.
2. Has the highest score in Group C of the Title Evaluation.
3. Has the highest score in Group B of the Title Evaluation.
4. Has the highest score in the research project analysis.
5. Has served as a juror for the longest time.