

EBTISAM MOHAMED AMARA

Lecturer | Nuclear & Power Engineering

PERSONAL INFORMATION

Date of Birth: 16 July 1978 | Tajoura, Libya
Marital Status: Married
Nationality: Libyan
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ACADEMIC QUALIFICATIONS

Degree	University	Country	Specialization	Year
Master's (M.Sc.)	University of Tripoli	Libya	Power Engineering	2008
Bachelor's (B.Sc.)	University of Tripoli	Libya	Nuclear Engineering	2001

ACADEMIC RANK

Rank	Date Awarded	Awarding Institution
Lecturer	9 October 2022	Higher Institute of Engineering Technology, Tripoli

SPECIALIZATION & RESEARCH INTERESTS

General Specialization:	Nuclear Engineering
Specific Specialization:	Power Engineering

WORK EXPERIENCE

Position	Institution	From	To
Faculty Member	Higher Institute of Engineering Technology, Tripoli	Fall 2024/2025	Present
Faculty Member	University of Tripoli – Faculty of Engineering	Fall 2023/2024	Spring 2024
Faculty Member	Higher Institute of Engineering Technology, Tripoli	15 Sep 2013	Spring 2023
Laboratory Engineer	University of Tripoli – Dept. of Nuclear Engineering	2005	2013
Teacher	Al-Karama School	2003	—

ADMINISTRATIVE ROLES & COMMITTEES

Role / Committee	Date
Academic Supervision	—
Projects Coordinator	—
Quality Assurance Coordinator	4 August 2024

COURSES TAUGHT

Course Name	Semester	Institution
Thermodynamics 1	Fall 2013 – Present	HIET, Tripoli
Thermodynamics	Spring 2024	Dept. of Nuclear Engineering, U. of Tripoli
Thermodynamics	Fall 2003	Al-Karama Secondary School, Tajoura
Thermodynamics 2	Fall 2019	HIET, Tripoli
Thermodynamics (Remedial)	Spring 2026	HIET, Tripoli
Materials Science (Remedial)	Spring 2024	HIET, Tripoli
Metal Cutting Theory	Fall 2024	HIET, Tripoli
Alternative & Renewable Energy	Spring 2025 – Present	HIET, Tripoli
Heat Transfer	Fall 2013 – Present	HIET, Tripoli
Heat Transfer	Fall 2003	Al-Karama Secondary School, Tajoura
Introduction to Nuclear Engineering	Fall 2023 / Spring 2024	Dept. of Nuclear Engineering, U. of Tripoli
Industrial Materials & Raw Materials	Fall 2013 – 2019	HIET, Tripoli
FORTRAN Programming	Spring 2005 – Spring 2013	Dept. of Nuclear Engineering, U. of Tripoli
Thermodynamics Lab	Spring 2009 – Spring 2013	Dept. of Nuclear Engineering, U. of Tripoli
Graduation Projects	2015, 2019, 2021	HIET, Tripoli

CONFERENCES, SEMINARS & WORKSHOPS

Paper / Workshop Title	Conference / Event	Location	Date
Failure Trends & Reliability Analysis of Patrol Boat Propulsion System – Case Study: Libyan Navy Patrol Boat	5th International Scientific Conference on Marine Sciences Technology	Bab Al-Bahr Hotel, Tripoli	3–4 Feb 2025
Publishing in High-Impact Journals (HIP)	IAC Academic Workshops for Libyan Higher Education Institutions (Online)	HIET / Online Platform	25 Aug 2021
Methods of Obtaining Scientific Papers (LPP)	IAC Workshops	Online	30 Aug 2021
Publishing Final Year Projects as Research Papers (PFPD)	IAC Workshops	Online	31 Aug 2021
Writing Short Research Papers	IAC Workshops	Online	5 Sep 2021

Paper / Workshop Title	Conference / Event	Location	Date
Software Workshop (SFR)	IAC Workshops	Online	6–7 Sep 2021
International Conferences – Joining & Organization (ICJO)	IAC Workshops	Online	9 Sep 2021
IELTS: Types, Registration & Exam Method	IAC Workshops	Online	13 Sep 2021
Preparing for the IELTS Exam	IAC Workshops	Online	13–16 Sep 2021
Writing a Personal Statement & Interview Q&A	IAC Workshops	Online	18 Sep 2021
Skills Required for US University Study (USGPIS)	IAC Workshops	Online	19 Sep 2021
How to Ensure Publication Acceptance in Global Journals	IFAD Platform & Winning Strategic Group	Online (Zoom)	15 Sep 2021
CFD Techniques	—	Cranfield University, UK	Aug 2008

LANGUAGE SKILLS

Language	Speaking	Writing	Reading
Arabic	✓	✓	✓
English	—	✓	✓

INTERESTS & ACTIVITIES

- Supporting student academic achievement and performance.
- Enhancing student capabilities in graduation project execution and professional report writing.

Date: 2 June 2026 Signature: 