

Hana Abobaker

Elbeida, Libya.first1990@gmail.com, +218910286653

PROFILE

Instructor with over four years of experience in undergraduate Mathematics and Course Design. A motivated teacher who understands the unique needs of individual students to enhance learning and build confidence in their overall educational success.

PROFESSIONAL EXPERIENCE

Math Teacher

September 2012 – June 2013

Primary School, Elbeida, Libya

- Design and implement lesson plans that include complex arithmetic operations for the elementary grades.
- Assessed tests and reported and analyzed students results.
- Created interactive learning environment by using Smart board.
- Cooperated with fellow teachers and parents to ensure students have the best learning tools and environment for progress.
- Managed groups of up to 25 students and provided them with behavioral guidelines.

Key achievement:

Prepares and run after school tutoring for students with learning difficulties that helped improve their final exam results by 45%.

Assistant Teacher

July 2013 –September 2014

Omar Al-Mukhtar University, Department of Mathematics, Elbeida, Libya

- Assessed students strengths and weaknesses regularly to provide the appropriate methods to address their learning needs.
- Documented student attendance and progress against goals.
- Provides a positive learning.

Assistant Lecturer

March 2017- December 2021

Omar Al-Mukhtar University, Department of Mathematics, Elbeida, Libya

- Taught undergraduate courses in Department of Mathematic and College of Engineering.
- Responsible for teaching a Calculus 1 and Algebra lecture twice a week.
- Academic supervisor for undergraduate students research project.
- Providing preparatory training for undergraduate students on MATLAB.

SKILLS

- Organizational Skills
- Problem Solving
- Analytical Skills
- Time Management
- Patience and Understanding

Software Skills

Microsoft Office: (Word, Excel, Power point),

Software: (Python, Maple, Latex)

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EDUCATION

September 2015- November 2016

- **Master of Science in Mathematics**, National University of Ireland-

Galway September 2003- July 2007

- **Bachelor's of Science in Mathematic**, Omar Al-Mukhtar University, Libya

Journal Publications

Modular Metric Space

- H. Abobaker, R. Ryan, Winter(2017), Irish Mathematic Society.

Awards and Honors

- Scholarship from Libyan Ministry of Education, 2013.
- Libyan Ministry of Education Award for Academic Excellence, 2018.
- Libyan Innovation Prize from the Natural Sciences and Technology Research, 2019.
- Inspirational Women Award from the Libyan Ministry of Women's Affairs, 2024.

Professional / Leadership Experience

- TechWomen Leadership Program, United States, Graduate 2024
- McKinsey Forward program Graduate, 2024