

Salam Alnabulsi

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Objective

Seeking the right opportunity to join an education institution, building on my previous math teaching and research experiences.

Skills and Qualifications

- Advance teaching skills.
- MATLAB – Math programming software.
- LATEX – Document preparation software used for technical and scientific documentation.
- ICDL (International Computer Driving License)

Work Experience

Assistant professor at the University of Jordan

Amman (2016-now)

- Teach university subjects.
- Prepare and deliver lectures to students.
- Prepare, administrate, and grade examination.
- Evaluate, monitor, and mentor student academic progress.
- Conduct research in field of specification.
- Guide, lead, and mentor students in research projects.
- Supervise and support teaching assistants.
- Participate in departmental and university activities.

Assistant Dean of Student Affairs

Amman (2022-2023)

- In charge of the administration and development of student affairs program. Serve in the Dean's or Associate Dean's absence.
- Supervise and advise on the activities of student organizations, including budget administration, fundraising efforts, and special program planning. Ensure adherence to university regulations and maintain annual continuity. Organize the tasks of students serving on committees.

Teaching and research assistant at University of Calgary: Calgary (2011-2015)

- Conducted tutorials and laboratory sessions to supplement lectures during the course run, these sessions include works out exercises and examples resulting in better grades for the students.
- Assisted student with their homework question during the office hours.
- Assisted in exam preparation, administration, and invigilation.
- Grade assignments, quizzes and assist in grading examinations.
- Conducting scientific research, literature reviews and surveys.
- Compiling and analyzing research results, assisting the research supervisor in preparation and publication of scholar y articles.
- Performing any other research related duties as suggestion by the student's research supervisor.

Full time instructor at University of Jordan: Amman (2009-2011)

- Teach university subjects.
- Prepare and deliver lectures to students.
- Prepare, administrate, and grade examination.
- Conduct research

Teaching assistant at University of Jordan: Amman (2007-2009)

- Supervision on exams and teaching tutorial for undergraduate students.
- Conduct student office hours to help students with their homework question and to answer any questions about the material.
- Assist in exam preparation, administration and invigilation.
- Grade assignments, quizzes and assist in grading examinations.

Teacher at the Ministry of Education: Amman (2007-2009)

Teaching Mathematics for primary and secondary stages

- Design teaching materials to sustain students' interest in the subject.
- Prepare weekly lesson plans on time.
- Interact with students, parents, and faculty.
- Design appropriate teaching plans and schedules.

Research interests:

- Integral equations
- Fractional differential equation
- Symmetric q-calculus; symmetric q-derivative operator
- Reproducing kernel Hilbert space method
- Partial differential equations
- Fixed-Point Theorems and Applications

Published research:

- Numerical solutions and geometric attractors of a fractional model of the cancer-immune based on the Atangana-Baleanu-Caputo derivative and the reproducing kernel scheme
- Applications of the Symmetric Quantum-Difference Operator for New Subclasses of Meromorphic Functions
- Numerical solution of fractional differential equations with temporal two-point BVPs using reproducing kernel Hilbert space method
- Introducing Fixed-Point Theorems and Applications in Fuzzy Bipolar b-Metric Spaces with $\psi\alpha$ - and $\varphi\eta$ -Contractive Map

Courses taught:

University of Calgary:

- MATH 283 - Honours Calculus II
- MATH 249 - Introductory Calculus
- MATH 251 - Calculus I
- AMAT 309 - Vector Calculus for Engineers
- AMAT 219 - Multivariable Calculus for Engineers
- MATH 253 - Calculus II
- MATH 271 - Discrete Mathematics
- AMAT 217 - Calculus for Engineers and Scientists
- MATH 275 - Calculus for Engineers and Scientists
- MATH 265 - University Calculus I
- MATH 277 - Multivariable Calculus for Engineers and Scientists
- AMAT 415 - Mathematical Methods
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University of Jordan:

- (0301099) - Pre-calculus
- (0301101) - Calculus1
- (0301102) - Calculus2
- (0301201) - Calculus3
- (0301202) - Ordinary differential equations I
- (0301202) - Engineering Mathematics I
- (0331301) - Advanced Calculus
- (0331103) - Mathematics for Business Administrative
- (0331302) - Engineering Mathematics II
- (0331321) - Partial Differential Equations I
- (0301131) - Principles of Statistics

Awards and Scholarships

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| • PIMS (Pacific Institution for the Mathematical Science) scholarship | (2014) |
| • FGSS (Faculty of Graduate Studies Scholarship | (2015) |
| • Graduate Assistant Teaching Excellence Award | (2015) |

Professional Development and Education

University of Calgary: Ph.D. degree	(2011– 2016)
Ph.D. degree in Applied Mathematics.	

University of Jordan: MSc. Degree	(2007-2009)
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University of Jordan: BSc. Degree

(2003-2006)

Conferences and workshops:

- YRC (Younge Research conference) at University of Calgary (2012)
- Mathematical Modeling in Industry Workshop (2012)
- YRC at University of Alberta (2013)
- Alberta College Mathematics Conference (ACMC) (2013)
- CREWS sponsor annual meeting at Banff (2014)
- PIMS workshop at University of Alberta (2015)
- YRC at University of Calgary (2015)
- CMS 2015 Winter meeting (2015)

Volunteer work

I have volunteered for several conferences at University of Calgary; in organizing the event provide help for conference guests and in the registrations. Supervising student council election process.