

CURRICULUM VITAE

Personal Information:

Name in Full : Feras Awad Yousef Mahmoud
Date and Place of Birth : May 6th, 1980, Kuwait
Religion : Muslim
Nationality : Jordanian
Gender : Male
Marital Status : Married with two children.
Languages : Arabic (*Native*) and English



Current Address:

Department of Mathematics
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Academic Qualifications:

2006: M.Sc,



- Dept. of Mathematics and Statistics, Jordan University of Science and Technology, Irbid, JORDAN.
- **Degree Specialization:** Parallel Computing and Numerical Analysis.
- **Title of M.Sc Thesis:** Parallel Implementation of an Efficient Algorithm for the Solution of Partial Differential Equations in a Cluster Computing Environment.
- **Thesis Advisor:** Dr. Mohammad Hassan Al-Towaiq.
- **Rating:** Excellent.

2003: B.Sc,

- Dept. of Mathematics and Statistics, Jordan University of Science and Technology, Irbid, JORDAN.
- **Rating:** Good.

Employment:

- October 2004 – June 2006 (Three Semesters), Teaching Assistant, Department of Mathematics and Statistics, Jordan University of Science and Technology, Irbid, JORDAN.
- November 2006 – September 2007, Part – Time Instructor, Department of Basic Sciences and Mathematics, Philadelphia University, Amman, JORDAN.
- September 2007 – Present, Full – Time Instructor, Department of Basic Sciences and Mathematics, Philadelphia University, Amman, JORDAN.

Publications:

1. **Feras A. Mahmoud** and Mohammad H. Al-Towaiq, **Parallel Algorithm for the Solutions of PDEs in Linux Clustered Workstations**, Applied Mathematics and Computation. 200 (2008) 178 – 188.
2. Amin Witno and **Feras Awad Mahmoud**, **A Note on the Generalization of Elite Primes**, JP Journal of Algebra, Number Theory and Applications. 15 (2009) 53 – 63.
3. Abdullah Alsoboh, **Feras Awad**, *et al.* **A Certain Subclass of Analytic Functions Related to q -Calculus and Their Second Hankel Determinant**. Mathematical Analysis and Numerical Methods. IACMC 2023. Springer Proceedings in Mathematics & Statistics. 466 (2024) 325–333. Springer, Singapore.

Training Courses:



1. A certificate for course completion in **MATHEMATICA from the Wolfram Education Group**. 12 training hours. **M101: A First Course in Mathematica**. February 19 – 20, 2006. Funded by: Jordan University of Science and Technology. Irbid. JORDAN.
2. A certificate for course completion in **MATHEMATICA from the Wolfram Education Group**. 8 training hours. **M221: Introduction to Programming in Mathematica**. March 16 & 18, 2009. Funded by: Philadelphia University. Amman. JORDAN.
3. A certificate for **MATHEMATICA Student Certification Program exam from the Wolfram Education Group**. I am now a Certified Wolfram Technology Associate at the Mathematica Student Level. August 2014.
4. **Workshop: "Statistical Analysis for Scientific Research using SPSS"**. *National Center for Research and Development (NCRD), 10 November 2016.*
Participated in a specialized workshop focused on enhancing skills and knowledge in statistical analysis for scientific research, with practical training on SPSS software.
5. **Workshop: "Digitalization: new and emerging technology in Higher education"**.
National Erasmus+ Jordan, 23 April 2025.
Attended a workshop exploring the impact of digital transformation and emerging technologies on higher education, with a focus on innovative tools and strategies for academic advancement.

Courses Taught at University Level:

• Jordan University of Science and Technology.

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| 1. Math 099 | : | Pre – Calculus. | B.Sc level |
| 2. Math 235 | : | Probability and Statistics for Engineers. | B.Sc level |

• Philadelphia University.

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| 3. (210103) | : | Mathematics for Computing. | B.Sc level |
| 4. (250104) | : | Discrete Structures. | B.Sc level |
| 5. (210106) | : | Mathematics for Engineers. | B.Sc level |
| 6. (210122) | : | Fundamentals of Scientific Knowledge. | B.Sc level |
| 7. (250333) | : | Applied Probability (Markov Chain, Queuing). | B.Sc level |
| 8. (216111) | : | Calculus I. | B.Sc level |
| 9. (250102) | : | Calculus II. | B.Sc level |
| 10. (250202) | : | Calculus III | B.Sc level |
| 11. (250203) | : | Ordinary Differential Equations. | B.Sc level |
| 12. (250205) | : | Linear Algebra and Vector Calculus | B.Sc level |
| 13. (216121) | : | Elementary Probability and Statistics. | B.Sc level |
| 14. (250232) | : | Probability Theory | B.Sc level |
| 15. (250233) | : | Bio–Statistics. | B.Sc level |
| 16. (250241) | : | Linear Algebra I. | B.Sc level |
| 17. (250251) | : | Set Theory. | B.Sc level |
| 18. (250302) | : | Calculus IV | B.Sc level |
| 19. (250305) | : | Partial Differential Equations. | B.Sc level |
| 20. (250312) | : | Complex Analysis | B.Sc level |
| 21. (250313) | : | Number Theory. | B.Sc level |
| 22. (250331) | : | Design of Experiments. | B.Sc level |
| 23. (250341) | : | Linear Algebra II. | B.Sc level |
| 24. (250351) | : | Graph Theory. | B.Sc level |

25. (250371)	:	Numerical Analysis	B.Sc level
26. (250372)	:	Computer Aided Mathematics. (<i>Mathematica</i>)	B.Sc level
27. (250373)	:	Mathematical Programming	B.Sc level
28. (250381)	:	Problem Solving	B.Sc level
29. (250473)	:	Advanced Applied Mathematics.	B.Sc level
30. (250481)	:	Strategies for Teaching Mathematics	B.Sc level

Committees

1. **Exams Committee.** Department of Basic Sciences and Mathematics. Philadelphia University.
2. **Web-Site Development Committee.** Department of Basic Sciences and Mathematics. Philadelphia University.
3. **Academic Guidance & Scholastic Schedule Committee.** Department of Basic Sciences and Mathematics. Philadelphia University.
4. **Secretary of the Department Council.** Department of Basic Sciences and Mathematics. Philadelphia University. Academic year 2024 / 2025.

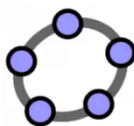
Computer Skills and Software:



MS OFFICE



MATHEMATICA



GeoGebra



Python



LaTeX

References:

1. **Dr. Mohammad Hassan Al-Towaiq**, Department of Mathematics and Statistics, Jordan University of Science and Technology, Irbid, JORDAN.
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E-mail. towaiq@just.edu.jo
2. **Dr. Khaled Hyasat**, Department of Mathematics, Philadelphia University, Amman, JORDAN.
Tel. (962) 6 – 4799000 Ext. 2602
E-mail. k_hyasat@philadelphia.edu.jo
3. **Dr. Raeda Khalil**, Dean of Faculty of Science, Philadelphia University, Amman, JORDAN.
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I hereby declare that the information provided in this C.V. is true complete and correct to the best of my knowledge and belief.

Signature: _____

Date: Sunday, May 25, 2025.