

**Name: Amin Ahmad Bilal****Rank: Senior Instructor – Mathematics & Physics****Personal Information****Nationality:** United States**AU Joining Date:** 30 Jan 2022**E-Mail Address:** a.bilal@au.edu.kw**Professional Information**

Education:	Qualification: Master Major: Engineering Technology College/University: Southern Polytechnic State University Year: 2004
	Qualification: Bachelor Major: Computer Engineering of Technology College/University: Southern Polytechnic State University Year: 2002
Specialization:	Engineering Technology
Current Academic Position:	Senior Instructor – Mathematics & Physics
Current Professional Positions:	NA
Previous Administrative Position Held:	Dean of students at the International Academy of Kuwait Highschool.
Previous Academic Positions Held:	Teacher Teaching Assistant
Fellowships And Honors:	NA

Teaching

Experience:

- American University of the Middle East AUM, Kuwait Sep 2014 – Jan 2022
Mathematics and Statistics Department (Teaching Assistance)
 - Teaching the following courses: Basic Algebra, Pre-Calculus, Calculus I & II & III and Differential Equations
 - Responsible for explaining the materials, making assessments and grading
 - Preparing weekly plan
 - Advising students choosing and registering for classes
 - Working with students through their final projects
- International Academy of Kuwait IAK, Kuwait Sep 2011 – Sep 2014
Dean of year 9, year 10 and year 11
 - Resolving students' issues (academically and behaviorally)
 - Contacting parents regarding their kids' behavior and grades
 - Supporting teachers with their class management during lessons
 - Preparing and organizing graduation for seniors
 - Collating and checking students grades and comments for report cards
 - Meeting with parents regarding their children IGCSE subject selection
 - Organizing subjects option lists based on students' selection
 - Played a part in setting regulations that help controlling student's behavior
 - Assisting office staff to deal with Ministry of Education issues
- Mathematics Teacher
 - Teaching all levels (7 – 12)
 - Especially: IGCSE Extended 10, 11 & 12
 - Responsible for explaining the materials, making test and grading
 - Preparing lesson plans
- The Public Authority for Applied Education and Training: Telecommunication and Navigation Institute (Transmission Section) Showiek, Kuwait Sep2007 – Jun 2011
Instructor (Part Time)
 - Teaching the following courses: Mobile Communication, Fiber Optics & Wireless Network Quality Control
 - Responsible for explaining the materials, making test and grading

	- Arab Open University, Kuwait Feb 2007 – Dec 2008 IT Instructor (Part Time) - Teaching a Digital Communication courses & Final Project - Responsible for explaining the materials, grading assignments, tests and projects
Industrial And Technical Experience:	- Class Motor Sales, Alpharetta, GA, US Jan 2005 – Oct 2006 - Handling the administration department of the company - Acted as the sole network administrator and webmaster for the company. Initiated cost savings by going to a paperless office route. - PC Assembling, Upgrading, Maintenance, Hardware and Software Installation - Implementation and installation of Operating System and user programs. Testing and troubleshooting and Maintenance of assembled Systems. - Sawnee EMC, Cumming, GA, USA June 2004 – Dec 2004 Test Engineering position (Internship) - Download data from devices using an interface software - IntelliLink software (By EneryLine), and MJX software (By Siemens). - Study data to insure device working properly and make necessary adjustments. - Run report of results to verify devices deterministic behavior. - Devices used are Capacitor Switches, Reclosers, and Power Regulators.
Research Interest:	Applied Mathematics Machine Learning Artificial Intelligence
Research Grants:	NA
Research and Publications including Journal and Books:	M. Farhat, M. H. Yassin, M. Nahas and A. Bilal , "Fiber Bragg Grating Sensors vs Strain Gauges for Static Bridge Monitoring System," <i>2024 IEEE International Instrumentation and Measurement Technology Conference (I2MTC)</i> , Glasgow, United Kingdom, 2024, pp. 1-6, doi: 10.1109/I2MTC60896.2024.10560727.
Paper Presentations at Professional Conferences:	NA
College Service including committee Membership:	Quality Management Committee Students Appeals and Complaints Committee Teaching, Learning, Validation & Moderation Committee Disciplinary Committee

FACULTY CURRICULUM VITAE

	Council Committee
National Service:	NA
College Committees:	NA