Qutaiba Abessalam, PhD, PGCE, Mres, BSc, FHAE

36 Newland Street, London E16 2HN

Salam4me4@hotmail.com,

+44 (0) 7575197525

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| Overview | | |
| Lecturer and researcher in Structural Engineering and Design, Construction Materials, and Mathematics with four years experience at the University of East London.  Experience in developing undergraduate courses with effective teaching methods that promote a stimulating learning environment for students from a wide range of cultural backgrounds.  Active contribution to research projects and a proven ability to work to tight schedules and deadlines during the processing, storing and logging processes  A proven track record of publication.  Excellent managerial and administrative experience on top of my research and lecturing responsibilities. | | |
| Skills | | |
| • Excellent mathematical skills.  • Able to build, customize and troubleshoot.  • Open minded and able to work on complex projects.  • Ability to provide technical assistance and resolution.  • Able to work independently and able to manage priorities and tasks.  • Excellent ability to think innovatively and express ideas.  • Superior problem solving skills demonstrated during internship.  • Autonomous learner who completed independent study with engineering professor.  • Skilled in the analysis and interpretation of complex data.  • Able to implement strategies and make informed decisions based on data.  • Proficient in working in a multi-disciplinary team environment. | | |
| Newham College of Further Education | | |
| **Curriculum team leader** (Mechanical Engineering Lecturer)  My responsibilities included:  • To liaise with the Curriculum Manager to ensure the delivery of an appropriate, comprehensive, high quality and cost-effective curriculum programme which complements the School Development Plan  • To be accountable for the development and delivery of all subjects within the Curriculum Area  • To foster the development and organisation of out-of-classroom activities associated with the Area's work, e.g. fieldwork, visits, etc, when appropriate  • To undertake an appropriate programme of teaching in accordance with the duties of a standard scale teacher | | |
| Lambeth College from Sept 2013-Jully 2014 | | |
| Civil Engineering Lecturer, teaching:  Health, Safety and Welfare in the construction industry, Built environment, Structure and Sustainable materials.  My responsibilities included:  1. To teach on the Foundation programme in accordance with areas of expertise and with course requirements, by:  • Preparing and delivering lectures;  • Attending meetings arranged by the Course Leader when appropriate;  • Assisting in supervising the skills practice sessions;  • Facilitating a self-development group;  • Marking student essays;  2. To keep an accurate record of student attendance;  3. To attend all relevant meetings and Boards of Studies;  4. To actively promote the School's Equal Opportunities policies and ensure all students are aware of the emphasis and importance that the School puts on Equal Opportunities;  5. To ensure that a safe working environment is provided for all students;  6. To ensure that all activities within the area of responsibility are carried out in accordance with the School's commitment to high quality service provision; | | |
| University of East London Sept 2007 – May 2012 | | |
| Civil Engineering Lecturer: Teaching constriction materials, Structural analysis, Maths and Laboratory supervisor. | | |
| My responsibilities included:  Research and design of new courses and materials   * Building courses so that they take into account curriculum and industry developments * Responsibility for the quality of teaching delivered and adjusting course work where necessary to improve standards * Leading class discussions and creating an atmosphere for lively debate   Providing monitoring, advice and support to students on a personal level and managing them by providing guidance and feedback to strengthen their skills  Administration of degree and postgraduate courses   * Organizing, implementing and monitoring tutorials and assessments * Exam set-up and marking * Ensuring teaching plans are met and completed efficiently * Carrying out staff appraisals * Full knowledge of Health and Safety and Equality and Diversity legislation | | |
| University of East London Jan 2007 – June 2011 | | |
| Research assistant | | |
| My responsibilities included:  Contributing to the intellectual life and debate of an academic organization by conducting reputation-enhancing research.  My specific area was the investigate the material characterization, e.g. mechanical testing, DMA, DSC, SEM, materialography of polymers, polymer composites and metals and the development of material formulations and optimization of processing conditions, culminating in my PhD thesis, An investigation into the physical, Mechanical and Dynamic properties of Natural Fibres Composites Materials (NFCM).  Other duties included  - Identifying suitable techniques for the collection and analysis of data  - Assisting in the development and preparation of continuing funding opportunities  - Contributions to national research conferences  - Contributions to team decisions about research direction  - Data coding, data entry and transcribing, data analysis and writing up findings  - Maintenance of the project webpage  - Producing regular reports for senior management and specialists. | | |
| Managing Director Sept 1998 – May 2005 | | |
| Salam Co, Tabuk, Saudi Arabia –  Managing director of a Saudi-based engineering company. | | |
| Education and qualifications | | |
| 2013- 2015 University of Westminster, PGCE - Postgraduate Certificate in Education in Further Education.  2007-2011 University of East London, PhD Engineering  2009-2011 University of East London, Post Graduate Certificate (PGCert) in Higher Education (learning and teaching in Higher Education)  2008-2009 University of East London, Post Graduate Certificate (PGCert) in Research  1988-1993 Damascus University, School of Engineering, BSc in Engineering | | |
| Professional Membership | | |
| Fellow of the UK Higher Education Academy  Member of the Syrian Engineering Association  Member of the Institution of Engineering and Technology  Member of the Institution of Civil Engineers | | |
| Languages | | |
| Arabic (native), English (fluent) | | |
| List of publications | | |
| • "Effect of coupling agent on mechanical properties natural powder composite materials" "In Press".  • "Effect of crushed natural powder reinforced epoxy composites on the glass transition (Tg)" 6th annual conference 2012 “Advances in Computing and Technology (AC&T)”on 23rd January 2012  • "Influence of coupling agents on the impact properties of the natural fibre composites" 6th annual conference 2012 “Advances in Computing and Technology (AC&T)”on 23rd January 2012  • “Effect of coupling agents on tensile properties of crushed fruit pits composites” International conference on innovative research in engineering and technology (iCIRT 2010 on 12-14 August 2010)  • “Influence of natural plant fibres on epoxy polymers subjected to impact loading” International conference on innovative research in engineering and technology (iCIRT 2010 on 12-14 August 2010)  • “Achieving manufacturing excellence by applying less model-A lean six sigma framework” International conference on innovative research in engineering and technology (iCIRT 2010 on 12-14 August 2010)  • “Application of mathematical modelling in lean six sigma ” International conference on innovative research in engineering and technology (iCIRT 2010 on 12-14 August 2010)  • Abessalam, Qutaiba and Saidpour, Hossein (2010) ‘Performance of crushed fruit pits reinforced epoxy composites under impact loading conditions’, Proceedings of Advances in Computing and Technology, (AC&T) The School of Computing and Technology 5th Annual Conference, University of East London, pp. 110-118.  • Abessalam, Qutaiba and Saidpour, Hossein (2010) ‘Influence of coupling agents on tensile properties of natural fibre composites’, Proceedings of Advances in Computing and Technology. (AC&T) The School of Computing and Technology 5th Annual Conference. University of East London, pp. 86-93.  • Abessalam, Qutaiba and Saidpour, Hossein (2009) ‘[Sustainable materials for high performance composites](http://roar.uel.ac.uk/923/)’, Proceedings of Advances in Computing and Technology. (AC&T) The School of Computing and Technology 4th Annual Conference. University of East London, pp. 199-205. | | |
| Reference | | |
|  | Anthony McAlmont | Andrea McMahon |
| Position | Head of School | Head of School |
| Telephone | 020 8257 4000 | 020 8257 4000 |
| Email | Anthony.McAlmont@newham.ac.uk | Andrea.McMahon@newham.ac.uk |
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| Continuous Professional Development | | |
| **Course Date** | **Course Title** | **Organiser** |
| 07/03/2014 | Teaching and Learning Requirements | Newham College of Further Education (QUILD ) |
| 20/2/2014 | Promoting Equality and Diversity in your classroom. | Newham College of Further Education (QUILD ) |
| 20/2/2014 | Planning to meet the needs of all your learners. | Newham College of Further Education (QUILD ) |
| 21/2/2014 | Developing your learners’ English and Maths skills. | Newham College of Further Education (QUILD ) |
| 21/2/2014 | Developing interactive resources for your lessons. | Newham College of Further Education (QUILD ) |
| 22/7/2014 | Introduction to next generation BTEC First Mar 14 (Rules) v9 | Newham College of Further Education (QUILD ) |
| 27/10/2014 | NLS attending Finance Update and PREVENT | Newham College of Further Education (QUILD ) |
| 27/10/2014 | COMED attending Financial Update and PREVENT | Newham College of Further Education (QUILD ) |
| 12/12/2014 | Managing Difficult Students | Newham College of Further Education (HR ) |