



Name: Dr. Wael Dabboussi

Rank: Assistant Professor – Management

Personal Information

Nationality:	Canadian
AU Joining Date:	14 Aug 2016
E-Mail Address:	w.dabboussi@au.edu.kw

Professional Information

Education:	<ul style="list-style-type: none"> – Deep Learning Specialization 2019 (DeepLearning.AI) – Machine Learning Certification 2019 (Stanford University) – MBA 2015 (HEC Montreal, Canada) – PhD Mechanical Engineering 2009 (McGill University, Canada) – MEng Mechanical Engineering 2003 (McGill University, Canada) – BEng (Hons) Mechanical Engineering 2000 (University of Glasgow, Scotland, UK)
Specialization:	Strategy Innovation & Entrepreneurship International Strategy Artificial Intelligence Data Science
Current Academic Position:	Assistant Professor – Management
Current Professional Positions:	NA
Previous Administrative Position Held:	<ul style="list-style-type: none"> – Engineering Manager: 2010-2014 – Project Engineer: 2009-2010
Previous Academic Positions Held:	Research assistant 2003-2009
Fellowships And Honors:	NA

Teaching Experience:	Teaching assistant 2001-2007
Industrial And Technical Experience:	<ul style="list-style-type: none"> – Strategy Consultant: 2015-2018 – Engineering Manager: 2010-2014 – Project Engineer: 2009-2010 – R&D Consultant: 2001-2008
Research Interest:	<ul style="list-style-type: none"> – Innovation and entrepreneurship – Corporate strategy – Energy and sustainability – Data science
Research Grants:	NA
Research and Publications including Journal and Books:	<p>Thesis</p> <p>Dabboussi W. “High strain rate behaviour of multiphase transformation induced plasticity (TRIP) steels”. Master’s Thesis 2009, McGill University.</p> <p>Dabboussi W. “High Strain Rate Deformation and Fracture of Engineering Materials”. Master’s Thesis 2003, McGill University.</p> <p>Journals</p> <ol style="list-style-type: none"> 1. Dabboussi, W. and J.A. Nemes, Systematic Characterization of the Crashworthiness Properties of Low Alloys Silicon Bearing TRIP Steels. ISIJ International, 2013. 53(8): p. 1462-1470. 2. Milani, A.S., Dabboussi, W., El-Lahham, C., Nemes, J.A. and R.C. Aberyaratne, An Improved Multiobjective Identification of Johnson-Cook Material Parameters. International Journal of Impact Engineering. 2009. 36(2): p. 294-302. 3. Qu, J., Dabboussi, W., Hassani, F., Nemes, J.A. and S. Yue, Effect of Microstructure on the Dynamic Deformation Behavior of Dual Phase Steel. Materials Science and Engineering: A, 2008. 479(1-2): p. 93-104. 4. Dabboussi, W., Qu, J., Nemes, J.A. and S. Yue, Experimental Characterization of the Strain Rate and Stress State Effects on a TRIP-Assisted Multiphase Steel. Journal of Materials and Manufacturing, SAE Transactions, 2007. 116(5): p. 236-241. 5. Qu, J., Dabboussi, W., Nemes, J.A., Yue, S. and F. Hassani, High Strain Rate Deformation Behavior of Advanced High Strength Steels for Automotive Applications. Journal of Materials and Manufacturing, SAE Transactions, 2006. 115(5): p. 892-897. 6. Dabboussi, W. and J.A. Nemes, Modeling of Ductile Fracture Using the Dynamic Punch Test. International Journal of Mechanical Sciences, 2005. 47(8): p. 1282-1299. 7. Qu, J., Dabboussi, W., Hassani, F., Nemes, J.A. and S. Yue, Effect of Microstructure on Static and Dynamic Mechanical Property of a Dual

	Phase Steel Studied by Shear Punch Testing. ISIJ International, 2005. 45(11): p. 1741-1746.
Paper Presentations at Professional Conferences:	<ol style="list-style-type: none"> 1. Dabboussi, W., Nemes, J.A., High Strain-Rate Behavior of Multi-Phase TRIP Steels. International Symposium on Plasticity, Saint Kitts, 2010. 2. Guertsman, V.Y., Essadiqi, E., Bouchard, R., Dremailova, O., McDermid, J., Fourmentin, R., Nemes, J.A., Dabboussi, W. and F.A. Goodwin, Properties of Galvanized and Galvannealed Hot Rolled HSLA Steel. Proceedings of the Galvanizers Association 100th Meeting, Baltimore, Maryland, 2008. 3. Dabboussi, W., Qu, J., Nemes, J.A. and S. Yue, Experimental Characterization of the Effect of Strain Rate and Microstructure on the behaviour of TRIP Assisted Multiphase Steels. ASME Applied Mechanics and Materials Conference, Austin Texas, 2007. 4. Dabboussi, W., Qu, J., Nemes, J.A. and S. Yue, Experimental Characterization of the Strain Rate and Stress State Effects on a TRIP Assisted Multiphase Steel. SAE Technical Paper Series, 2007-01-0792. 5. Qu, J., Dabboussi, W., Nemes, J.A., Yue, S. and F. Hassani, High Strain Rate Deformation Behavior of Advanced High Strength Steels for Automotive Applications. SAE Technical Paper Series, 2006-01-1430. 6. Dabboussi, W., Qu, J., Nemes, J. and S. Yue, On the Use of the Shear Punch Experiments in Determining Mechanical Properties of Various Dual Phase Steels. SAE Technical Paper Series, 2005-01-0493. 7. Qu, J., Dabboussi, W., Nemes, J. and S. Yue, High Speed Deformation Behavior of a Dual Phase Steel. Proceedings of MS&T'04 Conference, New Orleans, Louisiana, 2004, 153-161.
University Service including committee Membership:	NA
National Service:	NA
University Committees:	Member, Management Department Council Member, Management Validation & Moderation Committee Member, College Curriculum Development Committee Member, Exam Committee Member, Technology & Virtual Reality Committee