



Name: Ali AlRjoub
Rank: Trainer - Aviation Engineering

Personal Information

Nationality:	Jordanian
AU Joining Date:	1/02/2026
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Professional Information

Education:	Academic Qualification Bachelor of Science in Mechatronics Engineering Al-Balqa Applied University – Amman, Jordan Year: 2018 Professional License & Instructor Authorization - Aircraft Maintenance Engineer License – Avionics (B2), Part-66 (CARC) - Aircraft Maintenance Instructor Authorization – Part-147 EASA / GCAA Aircraft Type Training & Maintenance Authorization - Airbus A320 Family (CFM56 & V2500) Aircraft Type Rating - Boeing 787-9 (GENx-1B) Aircraft Type Rating - Embraer 170 / 190 (CF34-8 & CF34-10) Aircraft General Familiarization Postgraduate & Professional Education Accelerated Innovation & Entrepreneurship Advance Training Program Al-Hussein Technical University (HTU) – Center for Innovation & Entrepreneurship In collaboration with SPARK & Al-Quds Academy for Scientific Research Year: 2019
Specialization:	Aircraft Maintenance & Airline Operations - Part-145 Airline Line Maintenance Operations - Certifying Release to Service (CRS) on Transport Category Aircraft - Maintenance Decision-Making, Task Prioritization & Time Management in Airline Environments Avionics Systems & Troubleshooting - Understanding of avionics system architecture, integration, and data communication across modern transport aircraft. - Working knowledge of centralized and distributed avionics philosophies, including integrated computing and monitoring concepts. - Application of structured fault isolation and troubleshooting methodology using system logic, BITE, and maintenance data. - Interpretation of avionics maintenance messages and system interfaces within airline operational environments. - Competence in avionics–electrical integration and EWIS principles supporting reliability and continued airworthiness. Aviation Training & Regulatory Instruction - Theoretical & Practical Aircraft Maintenance Training of EASA Part-66 Modules within Part-147 Frameworks - Competency-Based Training Support & Technical Assessment - Bridging Airline Maintenance Practice with Academic Instruction Simulator-Based Aviation Education - A320 L3 Harris Simulator-Supported Maintenance Training - Development of Simulator-Based Curriculum Aligned with Airline Operations
Current Academic Position:	Trainer - Aviation Engineering
Current Professional Positions:	N/A

Previous Administrative Position Held:	Simulator & Curriculum Development Lead Led simulator-based aircraft maintenance curriculum development, with responsibility for the A320 L3 Harris simulator aligned to Part-66/Part-147 and airline practices. Founder & Program Director – Model Initiative Directed a national entrepreneurship program focused on innovation education and applied business modeling. Creative Director – JOFILM Media Productions Services Directed cinematic, documentary, and advertising media productions and creative teams. Program Lead – Project Applied Innovation Research (PAIR) Led applied innovation programs translating technical and scientific concepts into practical applications.
Previous Academic Positions Held:	Specialist Aircraft Maintenance Instructor (B2) - Abu Dhabi Polytechnic, UAE Aviation Science - Rania Foundation, Jordan
Fellowships And Honors:	- First Place Award Arab Artificial Intelligence Summit - WECS Project - First Place Award Entrepreneurship & Innovation Bootcamp - Center of Innovation and Entrepreneurship / Al-Hussein Technical University (HTU) - Phi Applied & Innovation Research program Scholarship Holder / Granted by Phi Science Institute & Embassy of the Netherlands - 2018 - Advance Entrepreneurship and Innovation scholarship Holder / Granted by Al-Hussein Technical University - Outstanding Employee Award / Hershey Entertainment & Resorts, United States - Cultural Exchange Fellow / USAID Cultural Exchange Program, United States
Teaching Experience:	Aircraft Maintenance Engineering Instructor (Part-66 / Part-147) Delivered theoretical and practical instruction within approved Part-147 training environments, covering EASA Part-66 B2 modules, including: - Aircraft Electrical Systems / Electronic Instrument Systems / Digital Techniques & Electronic Systems / Avionics Systems (Communication, Navigation & Surveillance / Automatic Flight Control Systems / Maintenance Practices & Troubleshooting Methodology Simulator-Based Aviation Training (A320) Designed and delivered simulator-supported aircraft maintenance training using approved A320 L3 Harris simulator material and references, structured through two teaching models: 1. Intensive simulator sessions focused on system operation, fault isolation, and airline-style troubleshooting 2. Semester-integrated simulator training, synchronized with theoretical module delivery to reinforce applied learning Practical Training & OJT Support - Supervised practical training activities in laboratory and simulator environments - Supported On-the-Job Training (OJT) coordination and follow-up, ensuring alignment between academic instruction and workplace competency development Innovation, Entrepreneurship & Professional Skills Delivered and supported instruction in: - Fundamentals of Innovation & Entrepreneurship / Presentation & Communication Skills / Ensuring Safety in the Workplace
Industrial And Technical Experience:	Aircraft Maintenance Engineer – Avionics (B2) Royal Jordanian Airlines, Amman, Jordan - Professional airline experience within a CARC Part-145 approved maintenance organization, performing avionics maintenance and exercising Certifying Release Staff (CRS) responsibilities on commercial transport aircraft. - Performed line maintenance, transit checks, and scheduled maintenance tasks on modern transport aircraft in accordance with approved maintenance data and airline procedures. - Conducted advanced avionics troubleshooting and fault isolation, utilizing AMM, TSM, FIM, wiring diagrams, and aircraft system schematics. - Executed system testing, functional checks, and rectification of avionics and electrical systems following defect reports and MEL requirements. - Coordinated directly with flight crews, Maintenance Control Center (MCC), and engineering teams to support dispatch reliability and operational continuity. - Supervised and guided maintenance technicians during avionics tasks, ensuring adherence to safety, quality, and regulatory standards. - Participated in A-checks and routine line maintenance activities, maintaining accurate technical records and maintenance documentation.

Research Interest:	- Predictive and Condition-Based Aircraft Maintenance - Digitalization and Smart MRO Systems - Simulator-Based Aviation Training and Learning Technologies - Unmanned Aerial Systems (UAV/RPAS) Operations, Training, and Maintenance - Aviation Training Management and Competency-Based Education - Entrepreneurship Education and Innovation Systems - Family Business Sustainability and Long-Term Value Creation
Research Grants:	N/A
Research and Publications including Journal and Books:	N/A
Paper Presentations at Professional Conferences:	N/A
College Service including committee Membership:	Contributed to academic program delivery and continuous improvement through curriculum support, assessment activities, simulator-based training integration, and coordination of practical training within aviation maintenance programs. Supported student engagement, training quality initiatives, and alignment between academic instruction and industry operational practices.
National Service:	- Contributed to national youth development and entrepreneurship initiatives focused on innovation, skills development, and startup readiness. - Founded and led Model, a national initiative promoting entrepreneurship education and applied business development among youth. - Supported aerospace, aviation, and engineering competitions and events in Jordan through technical mentoring and student engagement. - Participated in community activities supporting aviation education, engineering outreach, and innovation awareness.
College Committees:	Previously served on and chaired several academic and training-related committees within higher education and professional aviation environments. At Abu Dhabi Polytechnic (United Arab Emirates), previously headed and served on the following committees: - Curriculum Development Committee - Examination & Assessment Committee - On-the-Job Training (OJT) & Engineering Training Committee - A320 Simulator Curriculum Development Committee - Laboratory & Practical Training Committee