

Curriculum Vitae - Khalid Ahmed

Objective

To exhibit my skills and expertise of my career as a lecturer of mechanical engineering subjects at the engineering universities and colleges

Personal Information

Academic degree:	Assistant Teacher	
Nationality:	Iraqi	
Date of Birth:	1967	
Marital Status:	Married	
Mobile:	Iraq/ 07701661880	
Email:	k67canada@yahoo.com	
Website:	www.uodiyala.edu.iq	
License:	Provisional Engineer license / Ontario - Canada	
Mailing address:	College of Engineering, Daiyla University, Baquba City, Daiyla Governorate, ZIP 32001, Iraq.	

Professional Profile and Skills

- Efficient in lecturing mechanical engineering subjects at the engineering universities and colleges
- Experienced in hole steel factories & machines design, and processes engineering
- Expertise in Robotics & CNC programming using CAD CAM Systems
- Excellent in quality control techniques and knowledge of ISO standard and others
- Accurate in 3D mechanical design & drafting, Auto CAD drafting and design, design calculations, optimum dimensioning of parts according to the loading analysis and strength of materials
- Organized in engineering documentation, quantity estimating, and pricing
- Strong experience in mechanical machines trouble shooting and maintenance
- Computer skills: AutoCAD, Master CAM X, Solid Works, DNC Max, Robot Master, and MS Office

Educational Qualifications & Training Courses

- M. Sc. Mechanical Engineering discipline / Production Engineering 1994
University of Technology, Baghdad
- B.Sc. Mechanical Engineering discipline / Production Engineering 1988
University of Technology, Baghdad

International Certificate Assessments

- **University of Toronto / Canada** - (M. Sc.) certificates assessment
Examined and Approved - *Equivalent to 2 years Master's Degree at Canadian engineering universities*
- **University of Toronto / Canada** (B. Sc.) certificates assessment
Examined and Approved - *Equivalent to 4 years Bachelor's Degree at Canadian engineering universities*

Training Courses

- Master CAM Mill, Wire cutting and multi axis In-House Solution Inc. / Canada 2008
- SolidWorks I & II Courses / George Brown College / Canada 2007

Memberships

- Licensed / member of Professional Engineers Ontario-PEO/Canada / Provisional Engineer 2006 till now
- Member of Iraqi Engineers Union (IEU) 1988 till now

Academic position

- Head of Educational Scientific Committee at the high Institute for mechanical Professions – Libya 1999 -2004

Languages

- English: Written and spoken / Excellent
- Arabic: Mother tongue.

Employment History (Academic & Technical)

University of Diyala / Diyala - Iraq 2013-2014

Position: Lecturer at the Chemical Engineering Department.

Description: Teaching Mechanical drafting, Statics & Strength of Materials, Programming-SolidWorks

CCR Technologies Inc. / Hamilton - Canada 2011 – 2012

Position: Mechanical designer

CCR Technologies Inc. specializes in designing and manufacturing of continuous steel casting, transporting equipment, machines, and whole steel mill factories.

- Designed steel mill factory heavy equipment, factory foundation, steel construction

In-House Solution Inc. / Cambridge - Canada March 2008 - Oct. 2008

Position: CAD/CAM Field Application Specialist

Description:

- Developed and modified CAD/CAM software & systems
- Installed DNC systems for numerical communication between computers and control units
- Prepared 3D models and CNC programs by using SolidWorks and MasterCAM software

ISA Technologies Inc. / Mississauga - Canada

2006 – 2008

Position: CNC Programmer - CAD/CAM

Description:

- Prepared programs on CAD/CAM system for CNC Machines programming
- Contributed with the designers in developing design of molding machines and equipment for hole production line / plastic industry

Premier Poly Product / Mississauga - Canada

2005 – 2006

Position: Production Supervisor

Description:

- Supervised workers at the Production lines
- Managed quality assurance operations

Alfatih University / Tripoli – Libya

2001-2003

Position: Lecture / Part time

Description: Lectured Engineering subjects; Strength of material, Production work shop operations

The High Institute of Mechanical Professions/ Tripoli - Libya

1998 – 2004

Position: Lecturer / Full time

Description:

- Lectured Engineering subjects; mechanical design of the machine elements, metal cutting theories, quality assurance, engineering drafting principles, advanced metal machining operations, and safety
- Supervised several graduation projects for engineering students
- Administered various student-engineering projects committee, discussed and assessed the projects and made the necessary comments to correct the theses
- Conducted courses and programs evaluation and development
- Prepared and developed teaching materials and outlines for courses
- Coordinated with manufacturing companies to visit by groups of students, that they will be able to see manufacturing processes and make technical reports
- Prepared presentations for educational conferences as appropriate by using PowerPoint and screen
- Managed and coordinated the engineering and technical training programs
- Trained engineers and employees at the manufacturing companies

University of Technology / Baghdad – Iraq

1997-1998

Position: Part time lecturer at the Production & Engineering Department.

Description: Taught Mechanical design