FACULTY FULL NAME: Ali Alahmed

POSITION: Teaching Assistant

Personal Data

Nationality | Saudi

Date of Birth | 21/05/1995

Department | Traffic and Transportation engineering

Official IAU Email | ahaalahmed@iau.edu.sa

Office Phone No. | 0544663297

Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
Others	Excellent	Excellent	Excellent

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2018	BSc in Traffic & Transportation engineering	Imam Abdulrahman bin Faisel	Dammam- Saudi Arabia

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Teacher Assistant	IAU	Dammam	Saudi Arabia	2020
Operation Officer	SGPC	Dammam	Saudi Arabia	2020

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Engineering Drawings	ENG 222	Lab
2	Airport Planning and Design	TTENG 462	Lecture
3	Transportation Engineering II	TTENG 332	Lecture

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	ENG222: This course aims at helping the learner to develop clear concept and perception of form, proportion and develop the skill of expressing three-dimensional and two-dimensional objects into professional language. The course topics include: Fundamental graphics. Introduction to computer aided drafting and modeling. Practice in creating and evaluating typical designs drawn from different specialty areas (Electrical, Electronic, Mechanical,...). Use of CAD packages to illustrate and quantify design alternatives
2	TTENG 462: The aim of the course is to provide students with a range of skills and key insights into the plan and design of airport airside and landside facilities. Students will also be introduced to regulatory requirements and to commonly adopted international design standards. The course also acts as a forum where airport planners and others directly involved in the design of airport facilities can informally discuss and explore key issues. The course consists of a program of lectures and visiting speakers representing airports and other related organizations. Workshops will also be arranged so that students can discuss a series of airport design challenges. Topics to be covered: Airport planning and economic justification, site selection, configuration, development and design of terminal areas, demand forecasting, access, traffic control.
3	TTENG 332: The course investigates the main principles of transportation engineering as planning, design, construction, maintenance and operation of the facilities. Characteristics of various transportation modes and the interaction between them along with terminal and parking characteristics are also covered. The course covers system operation & management, engineering economic analysis and pricing, cost, and revenues of transportation modes, as well. Impact analysis of transportation modes as on the society and on the environment is also discussed in the course.

Last Update

3/9/2021