



Abdulsalam Mohammed H Alkhalaf

Assistant Professor

Personal Data

Nationality | Saudi Arabian

Department | Civil and Construction Engineering

Official IAU Email | amalkhalaf@iau.edu.sa

Personal Email | salam6-1991@hotmail.com



Language Proficiency

| Language | Read | Write | Speak |
|----------|-----------|-----------|-----------|
| Arabic | Native | Native | Native |
| English | Excellent | Excellent | Excellent |

Academic Qualifications

| Date | Academic Degree | Place of Issue | Address |
|----------|--|---|-----------------|
| May-2023 | Doctor of Philosophy Engineering and Applied Science (Civil Engineering) | University of Colorado Denver | Denver, CO. USA |
| Dec-2018 | Master of Science Civil Engineering | University of Colorado Denver | Denver, CO. USA |
| Jun-2014 | Bachelor of Science Construction Engineering | Imam Abdulrahman bin Faisal University | Dammam. KSA |

PhD and Master Research Title

| | |
|--------|---|
| PhD | INVESTIGATION OF ULTRA-HIGH PERFORMANCE CONCRETE FOR PRECAST DECKED BULB-TEE BRIDGE GIRDER CONNECTIONS |
| Master | EXPERIMENTAL INVESTIGATION OF ULTRA-HIGH PERFORMANCE CONCRETE FOR PRECAST DECKED BULB-TEE BRIDGE GIRDER CONNECTIONS |



Professional Record:

| Job Rank | Place and Address of Work | Date |
|---------------------|--|---------------------|
| Assistant Professor | Civil & Construction Engineering Department Imam Abdulrahman Bin Faisal University Dammam, KSA | Aug 2023 – Present |
| Lecturer | Civil & Construction Engineering Department Imam Abdulrahman Bin Faisal University Dammam, KSA | Dec 2020 – Aug 2023 |
| Research Assistant | Civil Engineering Department University of Colorado Denver Denver, Colorado, USA | Jan 2021 – May 2023 |
| Teaching Assistant | Civil Engineering Department University of Colorado Denver Denver, Colorado, USA | Jan 2021 – May 2023 |
| Teaching Assistant | Civil & Construction Engineering Department Imam Abdulrahman Bin Faisal University Dammam, KSA | Oct 2014 – Dec 2020 |
| Structural Engineer | Mustang-HDP Company Alkhubar, KSA | Aug 2014 – Oct 2014 |

Teaching Activities

Undergraduate

| # | Course/Rotation Title | No./Code | Extent of Contribution |
|----|--|-----------|------------------------|
| 1 | Analysis and Design of Reinforced Concrete Structure | CONEN 471 | Co-instructor |
| 2 | Structural Steel Design | CVEN 4575 | Co-instructor |
| 3 | Foundation Engineering | CVEN 4738 | Co-instructor |
| 4 | Senior Design Project I | CONEN 521 | Main Instructor |
| 5 | Senior Design Project II | CONEN 522 | Main Instructor |
| 6 | Strength of Materials | ENG 351 | Main Instructor |
| 7 | Statics | ENG 232 | Main Instructor |
| 8 | Analysis of Determinate Structures | ENG 351 | Main Instructor |
| 9 | Engineering Drawings | ENG 222 | Main Instructor |
| 10 | Oral Communication and Public Speaking | HUMN 301 | Main Instructor |



Postgraduate

| # | Course/Rotation Title | No./Code | Extent of Contribution |
|---|--|-----------|------------------------|
| 1 | Highway Bridge Design | CVEN 5550 | Co-instructor |
| 2 | Structural Dynamics I | CVEN 5111 | Co-instructor |
| 3 | Advanced Topics in Structural Steel Design | CVEN 5575 | Co-instructor |
| 4 | Advanced Topics in Reinforced Concrete | CVEN 5585 | Co-instructor |
| 5 | Foundation Engineering | CVEN 5738 | Co-instructor |

Student Academic Supervision and Mentoring

| # | Level | Number of Students | From | To |
|---|----------|--------------------|----------|----------|
| 1 | Graduate | 1 | Jan 2023 | May 2023 |

Personal Key Competencies and Skills

| | |
|---|---|
| 1 | ABAQUS - Finite Element Analysis |
| 2 | ANSYS - Finite Element Analysis |
| 3 | CSIBridge - Analysis and Design of Bridge Systems |
| 4 | STAAD.Pro - Structural Analysis and Design |
| 5 | SAP2000 - Structural Analysis and Design |
| 6 | ETABS – Building Analysis and Design |
| 7 | AutoCAD - Computer-Aided Design (CAD) |
| 8 | Excel - Data Analysis |

Last Update

01/10/2023