



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
جمهورية السودان

THE REPUBLIC OF THE SUDAN

جامعة السودان للعلوم والتكنولوجيا
Sudan University of Science & Technology



15/1407905

REGISTRAR OFFICE

College of Technology

A

0169169

OFFICIAL TRANSCRIPT

We the undersigned hereby certify that the Senate has awarded:

Mogtba Abdelgadir Elrayah Ali (Sudanese)

The Diploma in Electrical Engineering after completing the (Six Semesters) prescribed course and passing the final examination. The courses studied and grades obtained are as follows:

First Year: 2015/2016

| First Semester | | | |
|------------------------------------|-------|-----------|-----------------|
| Course | Hours | Grade | |
| Arabic Language 1 | 2 | D | |
| English Language 1 | 2 | C | |
| Islamic Culture 1 | 2 | B | |
| Electrical Engineering Principles | 3 | B | |
| Engineering Drawing 1 | 2 | C | |
| Calculus | 2 | B | |
| Engineering Mechanics I (Statics) | 2 | B+ | |
| Workshop Technology and Practice 1 | 2 | B+ | |
| Sem. Hours | 17 | GPA 2.42 | Academic Status |
| Total Hours | 17 | CGPA 2.42 | - |

| Second Semester | | | |
|---|-------|-----------|-----------------|
| Course | Hours | Grade | |
| Arabic Language 2 | 2 | C | |
| English Language 2 | 2 | C | |
| Islamic Culture 2 | 2 | C+ | |
| Engineering Drawing 2 | 2 | B | |
| An. Geometry and Multi-Variable Functions | 2 | A | |
| Engineering Mechanics 2 (Dynamics) | 2 | C+ | |
| Workshop Technology and Practice 2 | 2 | A | |
| Alternating Current Circuits | 3 | B | |
| Sem. Hours | 17 | GPA 2.64 | Academic Status |
| Total Hours | 34 | CGPA 2.53 | - |

Second Year: 2016/2017

| First Semester | | | |
|------------------------------------|-------|-----------|-----------------|
| Course | Hours | Grade | |
| Differential Equations | 2 | C+ | |
| Introduction to Computer Science | 2 | C | |
| Electrical Machines 1 | 3 | C | |
| Analog Electronics Principles | 3 | C | |
| Electrical Power Systems 1 | 2 | C | |
| Electrical Measurements | 3 | B | |
| Electrical Installation Technology | 2 | C | |
| Sem. Hours | 17 | GPA 2.26 | Academic Status |
| Total Hours | 51 | CGPA 2.44 | - |

| Second Semester | | | |
|--------------------------------|-------|-----------|-----------------|
| Course | Hours | Grade | |
| Linear Algebra and Probability | 2 | B | |
| Electrical Transformers | 3 | C+ | |
| Electrical Power Systems 2 | 2 | C | |
| Electrical Machines 2 | 3 | C | |
| Analog Electronics Circuits | 3 | C | |
| Electrical Drawing | 2 | C | |
| Electrical Installation Design | 2 | B+ | |
| Sem. Hours | 17 | GPA 2.32 | Academic Status |
| Total Hours | 68 | CGPA 2.41 | - |

Third Year: 2017/2018

| First Semester | | | |
|--------------------------------|-------|-----------|-----------------|
| Course | Hours | Grade | |
| Electrical Power Systems 3 | 2 | F | |
| Electrical Machines 3 | 3 | C | |
| Digital Electronics | 3 | C | |
| Computer Applications | 2 | F | |
| Occupational Health and Safety | 2 | C | |
| Internal Training | 3 | C | |
| Sem. Hours | 15 | GPA 1.55 | Academic Status |
| Total Hours | 83 | CGPA 2.26 | - |

| Second Semester | | | |
|--------------------------------|-------|-----------|-----------------|
| Course | Hours | Grade | |
| Electrical Power Systems 3 | 2 | C | |
| Power Electronics | 3 | C | |
| Motors Control and Maintenance | 3 | C | |
| Programmable Logic Controllers | 3 | B+ | |
| Computer Applications | 2 | F | |
| Field Training | 4 | B+ | |
| Graduation Project | 4 | B+ | |
| Sem. Hours | 21 | GPA 2.30 | Academic Status |
| Total Hours | 100 | CGPA 2.36 | - |

Third Year: 2018/2019

| First Semester | | | |
|-----------------------|-------|-----------|-----------------|
| Course | Hours | Grade | |
| Computer Applications | 2 | C | |
| Sem. Hours | 2 | GPA 2.30 | Academic Status |
| Total Hours | 100 | CGPA 2.40 | - |



Legend:

| Grade | Grade point | | Grade | Grade Point | | Grade | Grade Point | | Grade | Grade Point | |
|---------------|-------------|--------------------|--------------|--------------------|-----------|-------------------|-------------|-----|---------|-------------|-----|
| | From | To | | From | To | | From | To | | From | To |
| Excellent: A+ | 3.6 | 4.0 | Excellent: A | 3.2 | 3.5 | V. Good: B+ | 2.8 | 3.1 | Good: B | 2.6 | 2.7 |
| Good: C+ | 2.4 | 2.5 | Pass: C | 2.0 | 2.3 | Pass(Inferior): D | 1.7 | 1.9 | Fail: F | 0.0 | 0.0 |
| Defered: DF | - | - | Absent: Abs | 0.0 | 0.0 | Substitution: Sub | - | - | | | |
| Pass | | | - | | | Academic Warning | | | A.W | | |
| First Class | 3.00-4.00 | Second Class-Div.1 | 2.70-2.99 | Second Class-Div.2 | 2.40-2.69 | Third Class | 2.00-2.39 | | | | |

Class of Award: Second Class - Division Two

Date of Award: 02 May 2019

Cumulative Aggregate: 2.40

Date of Issue: 14/07/2019

Sami Mohamed Elamin Farah

Registrar



Dr. Abdelrahim Elhag Abdelaziz Elhag

Dean

Dr. Abbas Musa Yagoub Musa
Secretary of Academic Affairs



[[Any Alteration Invalidates this Certificate]]





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CERTIFICATE

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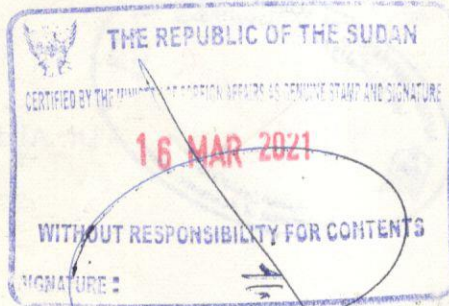

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محمد محمد حسين محمد
Mohamed Hussein

تم التوقيع
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