

Certificate

Registered with number 14554461

Pennsylvania British international College

IT IS HEREBY CERTIFY THAT

Ahmed Khalaf Albalawi

Upon recommendation of the Pennsylvania British international College
and in recognition of fulfillment of the prescribed requirements

Professional Doctorate in Business Administration

With all its right and Privileges in the witness whereof the seal of the Pennsylvania British international College hereunto affixed

Crt - Code : UPN53-10000502

Grade : Excellent

UKRLP 10097269

Srn : 09544320089001

IQ ZB835594

Issued on : 2025

This certificate has been given at his request to be submitted to those who are interested in it



Dean Office





شهادة

Registered with number 14554461

كلية بنسلفانيا البريطانية الدولية

تشهد بأن

احمد بن خلف بن حمد البلوي

بناء على توصية من مجلس الكلية إقرارا منها باستيفائه المتطلبات المقررة

دكتوراه في إدارة الأعمال

ومراعاة لكامل حقوق وامتيازات الشهادة تم وضع ختم كلية بنسلفانيا البريطانية

الدولية في هذه الوثيقة

UKRLP 10097269

IQ ZB835594

رقم التسجيل : UPN53-10000502 -- التقدير - إمتياز

صدرت بتاريخ : 2025

وقد أُعطى هذه الشهادة بناء على طلبه لتقديمها الى المهتمين بها

Dean Office





Pennsylvania British International College

Name :Ahmed Khalaf Albalawi

Nationality: Saudi

Student ID: UPN53-10000502

Graduation Date: 2025

Program: Professional Doctorate in Business Administration



#	Subject	The Ratio Quality	Grade
1	Commercial law	3.50	B
2	The economics of money & Banking	4.05	A
3	Cost accounting	4.08	A+
4	Team building & human relations	3.50	B
5	International business Administration	4.07	A
6	State & national accounting	3.50	B
7	Legislation	4.05	A
8	Development of Economic Thinking	4.08	A+

Evaluation Criteria for the Doctorate Programs
Study Duration = 2023 To 2025

Professional Doctorate in Business Administration
OFFICIAL TRANSCRIPT
Rating: 98%

Dean Office



FILE COPY



**CERTIFICATE OF INCORPORATION
OF A
PRIVATE LIMITED COMPANY**

Company Number **14554461**

The Registrar of Companies for England and Wales, hereby certifies that

PENNSYLVANIA BRITISH INTERNATIONAL COLLEGE LTD

is this day incorporated under the Companies Act 2006 as a private company, that the company is limited by shares, and the situation of its registered office is in England and Wales

Given at Companies House, Cardiff, on **22nd December 2022**

**CERTIFIED TRUE COPY
OF AN ORIGINAL DOCUMENT**

SIGNED *Russell Ford*
DATE 17 AUG 2025
Russell Ford
Leicester Legal
111 Ross Walk, Leicester, LE4 5HH
russell@leicester.legal
0116 3654988



N14554461H



Companies House



THE OFFICIAL SEAL OF THE
REGISTRAR OF COMPANIES

The above information was communicated by electronic means and authenticated by the Registrar of Companies under section 1115 of the Companies Act 2006



APOSTILLE

(Convention de La Haye du 5 octobre 1961)

United Kingdom of Great Britain and Northern Ireland

This public document

Le présent acte public / El presente documento público

2. **Has been signed by**

a été signé par
ha sido firmado por

Russell Victor Ford

3. **Acting in the capacity of**

agissant en qualité de
quien actúa en calidad de

Solicitor

4. **Bears the seal / stamp of**

est revêtu du sceau / timbre de
y está revestido del sello / timbre de

Not Applicable

Certified

Attesté / Certificado

5. **at**

à / en

London

6. **the**

le / el día

15 August 2025

7. **by**

par / por

His Majesty's Principal Secretary of State for
Foreign, Commonwealth and Development Affairs

8. **Number**

sous no / bajo el numero

APO-6UJU-QNJ2-AE5U-6B72

9. **Seal / stamp**

Sceau / timbre
Sello / timbre



10. **Signature**

Signature
Firma

J. Healey

This Apostille is not to be used in the UK and only confirms the authenticity of the signature, seal or stamp on the attached UK public document. It does not confirm the authenticity of the underlying document. Apostilles attached to documents that have been photocopied and certified in the UK confirm the signature of the UK official who conducted the certification only. It does not authenticate either the signature on the original document or the contents of the original document in any way.

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Certificate Graduation letter

To whom it May concern

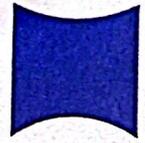
Based on the approval of Pennsylvania British international College
and the approval of the college president in
accordance with the powers delegated to him by
the Council in accordance with Resolution No. (425)

We acknowledge granting
the student Ahmed Khalaf Albalawi
Doctorate in Business Administration with a grade of distinction with honors,
with the approval of the research that
was submitted by the student in

**The Role of Artificial Intelligence in Enhancing
the Quality of Operations Research in
Commercial Enterprises**

Crt - Code : UPN53-10000502

Srn 09544320089001





Dean Office



Certificate

We hereby certify that the Doctorate degree.
after completing his professional studies,
It is an unfiled professional program.

Certified in the UK

Which measures the required skills
For postgraduate studies

College reference number I have the British government.
number 14554461

Nature of business (SIC)

- 85320 - Technical and vocational secondary education
- 85421 - First-degree level higher education
- 85422 - Post-graduate level higher education
- 85600 - Educational support services





Dean Office

[Handwritten Signature]

Certificate

Professional Doctorate in Business Administration

Certificate that Ahmed Khalaf Albalawi
Registered in the Doctorate of Business Administration
Registration No.: UPN53-10000502 Under the su
pervision of Dr. Arthur Alexander

He accepted and submitted
a Doctorate degree at the end of his studies

Graduation project entitled

**The Role of Artificial Intelligence in Enhancing
the Quality of Operations Research in
Commercial Enterprises**

Accepted by:

Major Professor: Jon Edoar
Committee Member - Meshel Jon
Committee Member, Tsherl Couto,
External Reader Mariam Samon

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Dialogue



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The Research Presented

Thesis Title

The Role of Artificial Intelligence in Enhancing the Quality of Operations Research in Commercial Enterprises

This study addresses the topic of "The Role of Artificial Intelligence in Supporting Operations Research," in light of the rapid developments witnessed worldwide in the field of digital technologies and organizations' efforts to improve performance efficiency and enhance decision-making capabilities. This study aims to keep pace with these transformations by exploring the extent of AI's use in the workplace, analyzing the benefits it brings to organizations, identifying the challenges that may hinder its effectiveness, and proposing mechanisms for future development.

The study was based on a primary question: To what extent does AI contribute to improving and developing operations research within organizations? Based on this, a questionnaire was designed that included a set of items distributed over three main axes. The first addressed the reality of AI use, the second focused on the benefits of its use, and the third focused on future needs and recommendations for developing this use.

The study results showed a high degree of agreement among sample members on the effectiveness of AI in supporting operations research, particularly with regard to improving the accuracy of predictive models, enhancing the efficiency of task and resource management, and reducing operational costs. The results also confirmed that AI helps in making flexible strategic decisions and enhances the quality of overall corporate performance. However, the study demonstrated the need to support the technological infrastructure, increase employee awareness, and train them to use these technologies effectively.

Based on the above, the study presented a set of recommendations to enhance the use of AI in operations research, including the importance of investing in digital infrastructure, providing specialized training programs, and adopting mechanisms to periodically evaluate the impact of AI use, thus achieving a balance between digital transformation and enhancing institutional performance.



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Dean Office





Name : Ahmed Khalaf Albalawi
ID NO.Z330956

Nationality: Saudi
ID Student: UPN53-10000502



Degree Program: Professional Doctorate in Business Administration

Congratulations, it is a pleasure for Penn International College to accept you as a student in Professional Doctorate in Business Administration
We would like to welcome you to Pennsylvania British International College
We thank you for choosing us to help you build your future
Discussion of a Doctorate in Business Administration

Business Administration Placement Exam

All Penn College International Program students are required to take a Business Administration proficiency test and the number of courses you will be required to take before or during regular academic study. Courses at Pennsylvania British International College Please see the competency standards in the field of communication, behavior modification, and communication. With regard to the field of Business Administration

Guidance Orientation

The Office of International Affairs will provide a new student orientation (date TBD) to educate you about Penn International College.
International Student Issues and Immigration Matters, Fall 2022, 2024
Classes begin in 2022

Immigration Information

The International Affairs Office will provide you with all data and information about the subjects to be studied, through your e-mail
For questions, please contact



Dean Office





**PENNSYLVANIA BRITISH
INTERNATIONAL- COLLEGE**

STU-ID : 53-10000502

F-NAME: ALBALAWI, AHMED KHALAF H

Program : Professional Doctorate in Business Administration

