



March 30 - April 2, 2025

# 11<sup>th</sup> ANNUAL MEETING

## Introduction to Research in International Education (Part 2)

Building a Research Roadmap for Credential Evaluation

Shelby L. Cearley, Karen Krug, and Amanda Shoaf Morrison

#AACRAO2025

Washington Convention Center | Seattle, WA

# Review of Presentation Objectives

Identify primary, secondary, and tertiary sources

A dark grey downward-pointing arrow connects the first step to the second.

Use age-appropriate resources

A purple downward-pointing arrow connects the second step to the third.

Properly document research results.

## Part One Review

The role of research in credential evaluation



Using reliable, age-appropriate resources



Advanced internet searching

WHAT WAS YOUR BIGGEST  
TAKEAWAY FROM PART ONE OF  
OUR SESSION?

REMEMBER !



# Artificial Intelligence (AI) in Credential Research



```
mirror_mod = modifier_ob.  
set mirror object to mirror  
mirror_mod.mirror_object  
operation == "MIRROR_X":  
mirror_mod.use_x = True  
mirror_mod.use_y = False  
mirror_mod.use_z = False  
operation == "MIRROR_Y":  
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation == "MIRROR_Z":  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True  
  
selection at the end -add  
mirror_ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier_ob.  
mirror_ob.select = 0  
= bpy.context.selected_object  
data.objects[one.name].select  
  
print("please select exactly  
  
--- OPERATOR CLASSES ---  
  
types.Operator):  
X mirror to the selected  
object.mirror_mirror_x"  
mirror X"  
  
context):  
context.active_object is not
```

## Ways AI Can Help

- Summarizing and finding information
  - Linking to official sources
- Translating foreign languages and non-Latin scripts
- Identifying patterns in fraudulent credentials
- Improving efficiency



# LLMs and RAG

## Large Language Models (LLM)

- Machine learning model which is the basis of modern chat-based AIs
  - OpenAI ChatGPT
  - Anthropic Claude 3.7
  - Google DeepMind Gemini 2.0
  - Meta Llama 3.3
  - Mistral AI
  - Microsoft Copilot
  - DeepSeek R1

## Retrieval-Augmented Generation (RAG)

- Technique which enhances AI outcomes by connecting LLM-powered AIs to specific information sources





# Google NotebookLM


- “NotebookLM is a Google AI-powered research and note-taking tool that uses your uploaded documents to create a personalized AI expert, allowing you to ask questions, generate ideas, and collaborate on your research.”





# Google's Notebook LM (1)



 Ghana Accreditation

+ Add source

Add source

Select all sources

PDF

2009 combined.pdf

PDF

2013 combined.pdf

PDF

2014 combined.pdf

PDF

2015 combined.pdf

PDF

2016 combined.pdf

PDF

2017 combined.pdf

PDF


2018 combined.pdf

PDF

2019 combined.pdf

Chat


Refresh





## Ghana Accreditation


24 sources


These documents from 2015, 2017, and 2018 provide listings of **accredited tertiary institutions and their programs** in Ghana during those periods, including **start and expiry dates of accreditation**. The 2011 document offers a general overview of the **Ghanaian higher education system**, detailing **public and private universities, polytechnics, and teacher training colleges**, along with their affiliations and some enrollment figures. Finally, the 2007 document specifically lists **accredited university colleges** and their programs with their respective **accreditation periods and certifying universities**.

 Save to note




 Add note

 Audio Overview

 Briefing doc

Start typing...


24 sources



List institutions accredited in Accra in 2011.

Compare expiry dates for Kwadaso College accreditations.

Which universities awarded d



NotebookLM can be inaccurate; please double check its responses.

<https://notebooklm.google/>

# Google's Notebook LM (2)

<https://notebooklm.google/>

Chat

Refresh

Was the Bachelor of Business Administration at Garden City University College accredited in 2014?

Yes, the Bachelor of Business Administration at Garden City University College was accredited in 2014.

According to the sources:

- **Garden City University College** had institutional accreditation with a current accreditation period starting from **1st January, 2014** and expiring on **31st December, 2018** <sup>1</sup>.
- Specifically, the **BACHELOR OF BUSINESS ADMINISTRATION (BANKING & FINANCE)** and **BACHELOR OF BUSINESS ADMINISTRATION (ACCOUNTING)** at Garden City University College were accredited from **SEPT 1 2014 to AUG 31 2019** <sup>2</sup>. These programs were affiliated with Kwame Nkrumah University of Science and Technology (KNUST) <sup>2</sup>.
- The **BACHELOR OF BUSINESS ADMINISTRATION (MANAGEMENT)** at Garden City University College was accredited from **SEPT 1 2014 to AUG 31 2019** <sup>3</sup>.

Save to note

Start typing...

List institutions accredited in Accra in 2011. Compare expiry dates for Kwadaso College ac2015 combined.pdf

BSc BUSINESS ADMINISTRATION WITH OPTIONS IN MARKETING, ACCOUNTING, HUMAN RESOURCE MANAGEMENT, BANKING AND FINANCE JAN 1 2014 DEC 31 2016 INSTITUTIONAL AFFILIATION KWAME NKURUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY (KNUST) GARDEN CITY UNIVERSITY COLLEGE, KENYASI-KUMASI, ASHANTI REGION, P.O.BOX KS 12775 KUMASI ACCREDITED PROGRAMMES START DATE END DATE BACHELOR OF BUSINESS ADMINISTRATION (BANKING & FINANCE) SEPT 1 2014 AUG 31 2019 BACHELOR OF BUSINESS ADMINISTRATION (ACCOUNTING) SEPT 1 2014 AUG 31 2019



# AI Limitations

- Data bias
- Incomplete databases
- Wrong information from bad sources
- Hallucination
- Quality of source documents
- Query structure
- Institutional policy limitations
- Privacy and data security issues



# Remember Our Search for JNTUH BTech Regulations...?



Copilot

New conversation

Chat History

Conversations with Copilot will be shown here. [Sign in](#) to keep your conversations.

Hello Copilot, I need the regulations for a JNTUH BTech in Electrical and Electronics Engineering from 2009

It seems that the specific regulations for the 2009 batch of JNTUH BTech in Electrical and Electronics Engineering (EEE) are not readily available online. However, I found resources related to later regulations, such as R13 and R18, which might provide some context or similarities. 1 2 3

For the most accurate and detailed information, I recommend reaching out directly to JNTUH's academic office or checking their official website. They might have archives or specific documents for the 2009 regulations. Let me know if you'd like help drafting an email or finding contact details!

1 jntuh.ac.in

2 jntuh.ac.in

3 studentservices.jntuh.ac.in

JNTUH Bachelor of Technology regulations "2009"

All News Images Videos Short videos Shopping Forums More

Tools

Jawaharlal Nehru Technological University

<https://jntuh.ac.in/uploads/academics>

[PDF](#)

Academic Regulations 2009 for B. Tech (Regular)

ELECTRICAL & ELECTRONICS ENGINEERING 2000-2010. Academic Regulations 2009 for B. Tech (Regular). (Effective for the students admitted into 1 year from the ...

76 pages

Jawaharlal Nehru Technological University Anantapur

<https://www.jntuh.ac.in/uploads/2018/08/B...>

[PDF](#)

Academic Regulations 2009 for B. Tech (Regular)

Academic Regulations 2009 for B. Tech (Regular). (Effective for the students admitted into 1 year from the Academic Year 2009-2010 onwards).

186 pages

Missing: jntuh | Show results with: JNTUH

Jawaharlal Nehru Technological University

<https://jntuh.ac.in/uploads/academics/R09B...>

[PDF](#)

R09 B.Tech. Metallurgical & Material Technology.pdf

METALLURGY & MATERIAL TECHNOLOGY 2009-2010. Academic Regulations 2009 for B. Tech (Regular). (Effective for the students admitted into 1 year from the ...

77 pages

Missing: Bachelor | Show results with: Bachelor

Jawaharlal Nehru Technological University

<https://jntuh.ac.in/uploads/academics>

[PDF](#)

INFORMATION TECHNOLOGY / COMPUTER SCIENCE ...

Academic Regulations R13 For B.Tech. (Lateral Entry Scheme). Applicable ... 2009. A Handbook for English Language. Laboratories. New Delhi: Foundation.

210 pages

Jawaharlal Nehru Technological University Hyderabad

4.1 (3.9K)

Public university in Hyderabad, India

Photos

Reviews

Cost

Admissions

Rankings



# AI Wrap-Up



AI IS A TOOL WITH GREAT  
POTENTIAL



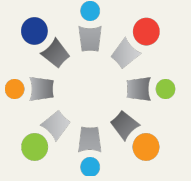
STILL NEEDS HUMAN  
OVERSIGHT AND EXPERTISE



# Research Application: Grading Scales

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# Types of Grading Scales

Percent

Other  
numeric

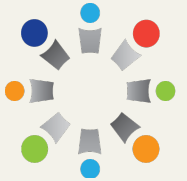
Letters

Word  
descriptors

Rank

Degree  
classification

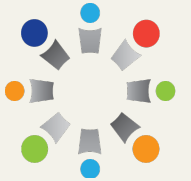
***Do not assume that a grading scale that resembles a US scale operates the same way as a US scale!***



## Same as U.S. Scale?

Loại	Thang điểm 10	Thang điểm 4	Thang điểm chữ
Đạt	9,0 ÷ 10	3,6 ÷ 4,0	A
	8,5 ÷ 8,9	3,4 ÷ 3,5	A <sup>-</sup>
	8,0 ÷ 8,4	3,2 ÷ 3,3	B <sup>+</sup>
	7,0 ÷ 7,9	2,8 ÷ 3,1	B
	6,5 ÷ 6,9	2,6 ÷ 2,7	B <sup>-</sup>
	6,0 ÷ 6,4	2,4 ÷ 2,5	C <sup>+</sup>
	5,5 ÷ 5,9	2,2 ÷ 2,3	C
	5,0 ÷ 5,4	2,0 ÷ 2,1	C <sup>-</sup>
Không đạt <div>= Not Passed</div>	4,5 ÷ 4,9	1,8 ÷ 1,9	D <sup>+</sup>
	4,0 ÷ 4,4	1,6 ÷ 1,7	D
	3,0 ÷ 3,9	0,2 ÷ 1,5	D <sup>-</sup>
	0,0 ÷ 2,9	0,0 ÷ 0,1	F





# Key Questions About Grading Scales



What is the highest score?



What is the lowest passing score?

Is there a difference between lowest passing individual score and lowest passing cumulative average?



How many passing grades/ranges are there?



How are the grades described?

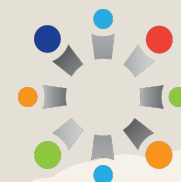


What is the general distribution of these grades in the country? (if possible)



When/where was this scale used?

# Example of Answers to Grading Scale Questions



## 浙江工商大学学分绩点计算办法 Grading System of Zhejiang Gongshang University

### 1、按成绩折算绩点

成绩	绩点	成绩	绩点
90 分-100 分	4.0-5.0	优秀 95	4.5
80 分-89 分	3.0-3.9	良好 85	3.5
70 分-79 分	2.0-2.9	中等 75	2.5
60 分-69 分	1.0-1.9	及格 65	1.5
不足 60 分	0.0	不及格	0.0

### 2、计算公式

课程学分绩点 = 课程绩点 × 课程学分

平均学分绩点 = 课程学分绩点总和 ÷ 课程学分总和

### 1、Grade Standard&Converted Points

Score	Point	Score	Point
90-100	4.0-5.0	Excellent 95	4.5
80-89	3.0-3.9	Good 85	3.5
70-79	2.0-2.9	Medium 75	2.5
60-69	1.0-1.9	Pass 65	1.5
Below 60	0.0	Fail	0.0

### 2、Calculating Formula

Course Credit GPA = Course GPA × Course Credit

Average Credit GPA = Total Course Credit GPA / Total Course Credit

Check the dates!

UNIVERSITY OF PANGASINAN  
(Formerly Dagupan College)  
DAGUPAN CITY, PHILIPPINES

OFFICIAL TRANSCRIPT OF RECORD

September 1, 2010

Name: [REDACTED] Address: [REDACTED]  
College of: NURSING (4-YEAR COURSE IN NURSING) Date Admitted: 1st Sem 2005-2007  
Entrance Data: FORM 1ST-A, HIGH SCHOOL NCEE

Term	COURSE NO AND DESCRIPTIVE TITLE	GRADES		Credits
		Final	Re-Exam	
1st Semester 2007-2008	RETORIKANG FILIPINO (RHETORICS)	92		3.0
2nd Semester 2007-2008	LEVEL 1: ROLE RELATED LEARNING EXPERIENCE	88		2.0
	H. C. 11 HEALTH CARE II	89		3.0
	SCI TECH & SOC SCIENCE TECHNOLOGY AND SOCIETY	82		3.0
	HE-W/ LRT HEALTH ECONOMICS WITH LRT	90		3.0
	HE-W/ LRT	90		3.0

UNIVERSITY OF PANGASINAN  
DAGUPAN CITY, PHILIPPINES

OFFICIAL TRANSCRIPT OF RECORDS

RECORD OF CANDIDATE FOR GRADUATION

Name: [REDACTED] Date of Graduation: MARCH 2010  
Address: [REDACTED] Title / Degree: BACHELOR OF SCIENCE IN NURSING  
Date of Birth: [REDACTED] Sex: [REDACTED] Major / A.C.: [REDACTED]  
Terms of Admission: First Semester, 20062007 Minor: [REDACTED]  
College: COLLEGE OF ALLIED HEALTH SCIENCES COMPLETED  
NCEE: [REDACTED] NSAT: [REDACTED] Date Taken: [REDACTED] Intermediate: [REDACTED] Name of School: [REDACTED] Year: [REDACTED]  
Entrance Data: [REDACTED] High School: [REDACTED] High School: [REDACTED] Year: [REDACTED]

GRADING SYSTEM A (97-100) A - (94-96) B + (91-93); B (88-90); B - (85-87); C + (80-84);  
C (75-79), F (Below 75) Inc. - Incomplete must repeat

NOTE Any erasure or alteration on this transcript renders the whole transcript invalid unless  
initialed by the Registrar.

REMARKS

GRANTED HONORABLE DISMISSAL this 1 day of September , 2010  
NOT VALID WITHOUT THE UNIVERSITY SEAL.

Description	Letter	Percent	Number
Excellent	A	99-100	1.00
Excellent	A-	97-98	1.25
Very Good	B+	95-96	1.50
Very Good	B	92-94	1.75
Good	B-	89-91	2.00
Good	C+	86-88	2.25
Average	C	83-85	2.50
Below Ave	C-	80-82	2.75
Passing	D	75-79	3.00
Failed	F	Bel. 75	4.00 / 5.00

DP/DRP - Dropped. No Credit.  
NC - No Credit  
C - Complete (for SSP only)

INC - Incomplete. Removal Needed.  
FA - Failure due to Absences.

REMARKS: "PACUCOA ACCREDITED" GRADUATED IN THE FOL  
THIS UNIVERSITY WITH THE DEGREE OF BACHELO  
(B.S.N.) AS OF MARCH, 2010 UNDER ROG NO. NSG  
MARCH 22, 2010.  
COPY GOOD FOR GENERAL PURPOSES.

Date: 02/10/2025 5:50:00 PM  
Prepared by:

ROMNE JULI

University Registrar:

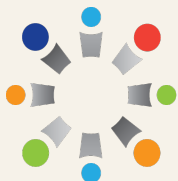
REMARKS: "PACUCOA ACCREDITED" GRADUATED IN THE FOUR-YEAR COURSE IN NURSING IN  
THIS UNIVERSITY WITH THE DEGREE OF BACHELOR OF SCIENCE IN NURSING  
(B.S.N.) AS OF MARCH, 2010 UNDER ROG NO. NSG 2010. IS REISSUED  
MARCH 22, 2010.  
COPY GOOD FOR GENERAL PURPOSES.

Date: 02/10/2025 05:50:00 PM  
Prepared by:

ROMNE JULIUS WIL A. VILLAPA

University Registrar:

LIBERTY M. BORJANO  
Signature over printed name



# Tips for Searching for Grading Information



- Possible search terms (in language of country):
  - Grading system
  - Student evaluation
  - Academic regulations
  - Assessment regulations
  - Undergraduate (or postgraduate) regulations
  - Specific grading terminology (e.g. 优良中及格 + Chinese institution website)
- *Be wary of grading information designated "for overseas use" or similar.*





# CASE STUDY



# Credential #1



6 Manhattan Road, Kingston 5  
Jamaica, West Indies  
Tel: (876) 920-3284; 926-6573; 929-1424; 929-1571  
Mobile: (876) 833-0714 (Lime)  
(876) 618-3721 (Digicel)  
Fax: (876) 926-8110  
E-mail: [info@overseasexams.org.jm](mailto:info@overseasexams.org.jm)  
Website: [www.overseasexams.org.jm](http://www.overseasexams.org.jm)

HS/ar/ [redacted]

15<sup>th</sup> June 2021

## TO WHOM IT MAY CONCERN

This is to certify that

[redacted],

sat for the examination(s) of the Caribbean Secondary Education Certificate and the Caribbean Advanced Proficiency Examinations and obtained the following result(s):

### CSEC – June 2019 – Index No. – [redacted]

Caribbean History	General	Grade	Three
English A	General	Grade	Two
Mathematics	General	Grade	Four
Religious Education	General	Grade	Three
Human & Social Biology	General	Grade	Three
Social Studies	General	Grade	Three
Physical Education & Sport	General	Grade	One
Principles of Business	General	Grade	One

### CAPE – June 2020 – Index No. – [redacted]

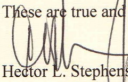
Sociology I	Advanced	Grade	Three
Physical Education & Sport I	Advanced	Grade	Four
Communication Studies I	Advanced	Grade	Four
Entrepreneurship I	Advanced	Grade	One

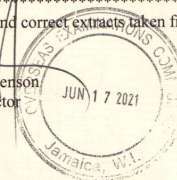
### CSEC – June 2020 – Index No. – [redacted]

Mathematics	General	Grade	Three
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These are true and correct extracts taken from the records at my disposal.

  
Hector L. Stephenson  
Executive Director



# Credential #2

<p>ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ</p> <p>ԵՐԵՎԱՆԻ ՄԵՆԵՋՄԵՆՏԻ ՀԱՄԱՍՄԱՐՆ</p> <p>ՀԵՆԱԿԵՏԱԹՎԱՆ ՔՈՒՆԶ</p> <p>(փոքրիկ մասնագիտական ոլորտում միջին մասնագիտական կրթություն անվանումը)</p> <p><b>ԴԻՊԼՈՄ</b></p> <p>AP N _____</p> <p>ԱՎԱՐՏԱԿԱՆ ՈՐԱԿԱՎՈՐՈՂ ՀԱՆՁՆԱԾՈՐՈՒԹՅՈՒՆ 2008 թվականի հունիսի « 11 »-ի ՈՐՈՇՄԱՄԵՐ _____</p> <p>(անուն, ազգանուն, նախաձեռն)</p> <p><b>ՇՆՈՐՀԱՏ Է:</b></p> <p>Բուժքրոջ ՈՐԱԿԱՎՈՐՈՒՄ «Քույրական գործ»</p> <p>ՄԱՍՆԱԳԻՏՈՒԹՅԱՄԲ</p> <p>Վարչության նախագահը Կրթական գործի նախագահը</p> <p>Տնօրեն (Պետ) _____</p> <p>Երևան, 2008 թ. _____</p> <p>Ք. Երևան գրանցման N _____</p>		<p>БАЗОВЫЙ КОЛЛЕЖЬ ЕРЕВАНСКОГО УНИВЕРСИТЕТА МЕНЕДЖМЕНТА</p> <p>(наименование среднего профессионального учебного заведения)</p> <p><b>ДИПЛОМ</b></p> <p>AP N _____</p> <p>РЕШЕНИЕМ ВЫПУСКНОЙ АТТЕСТАЦИОННОЙ КОМИССИИ</p> <p>ОТ « 11 » _____ ИЮНЯ 2008 ГОДА</p> <p>(фамилия, имя, отчество)</p> <p><b>ПРИСВОЕНА КВАЛИФИКАЦИЯ</b></p> <p>медсестры</p> <p><b>ПО СПЕЦИАЛЬНОСТИ</b></p> <p>« сестринское дело »</p> <p>М.П. _____</p> <p>Президентской аттестационной комиссии</p> <p>Директор (начальник) _____</p> <p>« 20 » _____ 2008 г. г. Ереван регистрационный N _____</p> <p>ДИПЛОМ ЯВЛЯЕТСЯ ДОКУМЕНТОМ О СРЕДНЕМ ПРОФЕССИОНАЛЬНОМ ОБРАЗОВАНИИ</p> <p>РЕСПUBLIC OF ARMENIA</p> <p>BASIC COLLEGE OF YEREVAN MANAGEMENT UNIVERSITY</p> <p>(middle professional educational establishment)</p> <p><b>DIPLOMA</b></p> <p>AP N _____</p> <p>BY THE RESOLUTION OF THE FINAL ATTESTATION COMMISSION OF</p> <p>« 11 » _____ June 2008</p> <p>(first name, last name)</p> <p><b>IS AWARDED THE QUALIFICATION OF</b></p> <p>The nurse</p> <p>Nursing</p> <p>(profession)</p> <p>Chairman of the Final Attestation Commission _____</p> <p>Director (Head) _____</p> <p>« 20 » _____ 2008 г. с. Yerevan registration N _____</p> <p>THIS DOCUMENT IS THE DOCUMENT ON MIDDLE PROFESSIONAL EDUCATION</p>	
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<p>Անուն, հայրանուն, ազգանուն _____</p> <p>Ծննդյան տարեթիվը _____ թ.</p> <p>Կրթության վերաբերյալ նախորդ փաստաթուղթը _____</p> <p>Միջակարգ կրթության ատեստատ սերիա ԱՆ _____</p> <p>Ընդունելության ձևը _____ ընդունելության քննություն _____</p> <p>Ընդունվել է _____ Երևանի մենեջմենթի համալսարանի _____</p> <p>Գյումրու կրթահամալիրի բժշկական բոլեջ _____</p> <p>բուժի անվանումը _____</p> <p>ընդունվելու տարեթիվը _____ 2005 թ.</p> <p>ուսուցումը ավարտել է _____ 2008 թ.</p> <p>Երևանի մենեջմենթի համալսարանի _____</p> <p>Գյումրու կրթահամալիրի բժշկական բոլեջ _____</p> <p>բուժի անվանումը _____</p> <p>Տեղեկային ուսուցման մոնիթինգային տեղությունը _____ 3 տարի _____</p> <p>Մասնագիտությունը _____ ԲՈՒՅՐԱԿԱՆ ԳՈՐԾ _____</p> <p>Լիցենզիա _____</p> <p>Պրակտիկաները _____</p> <p>1. Ուսումնական 16 շաբաթ /576 ժամ/ 5 /գերազանց/</p> <p>2. Արտադրական 7 շաբաթ /252 ժամ/ 5 /գերազանց/</p> <p>Մասնագիտական ավարտական քննություն՝ _____ 4 /լավ/</p> <p>գնահատականը _____</p> <p>Տեսության տեսական գործնական փուլերով _____</p> <ul style="list-style-type: none"> <li>Քույրական գործի էթիկաներ</li> <li>Քույրական գործ քերայիայում</li> <li>Քույրական գործ վիրաբուժությունում</li> <li>Քույրական գործ մանկաբուժությունում</li> </ul> <p>Փաստաթուղթը _____ 1 _____ քերից է:</p>	<p>ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ</p>  <p>ԵՐԵՎԱՆ քաղաք</p> <p>ԵՐԵՎԱՆԻ ՄԵՆԵՋՄԵՆՏԻ</p> <p>ՀԱՄԱՍՄԱՐՆ</p> <p>Հեղինակության բոլեջ բուժի անվանումը _____</p> <p>ԴԻՊԼՈՄԻ ՀԱՎԵԼՎԱԾ Հասցե գրառում անվանել է _____</p> <p>AP N _____</p> <p>Պետության նախագահ, ուսումնական</p> <p>գրանցման N _____</p> <p>տրվել է « 20 » 06, 2008 թ.</p> <p>Ավարտական քննական հանձնաժողովի « 11 » 06 2008 թ. որոշմամբ շնորհվել է Բուժքրոջ որակավորում</p> <p>ԵՄՀ Ռեկտոր _____</p>  <p>Կ. Տ.</p>
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# Credential #2

ՈՒՍՈՒՑԱՆԻ ԸՆԹԵՑՈՒՄ ՈՒՍՈՒՄՆԱՍԻՐՈՒ ԵՎ ՀԱՆՐԱՅԻՄ ԵՎ ՀԱՆՐԱՅԻՄ ԳԵՄՐԱՅԻՄ:

N	Առարկաների անվանումը	Ժամերի ընդամանը	Գնահատականները
1.	Հայոց լեզու	64	4/ավ/
2.	Ռուսաց լեզու	64	ստուգված
3.	Օտար լեզու	64	ստուգված
4.	Մաթեմատիկա	76	4/ավ/
5.	Փիլիսոփայություն	32	ստուգված
6.	Լատիններեն	32	ստուգված
7.	Հիսթորիա	64	ստուգված
8.	Համակարգչային տեղեկատվություն	64	ստուգված
9.	Մարզու ամսագրեր, միջոցառումներ, ֆիզիոթերապիա և օրնալիզիս	208	4/ավ/
10.	Հնարարական գործ	652	4/ավ/
11.	Մաթեմատիկական գործ	32	ստուգված
12.	Տնտեսագիտություն	28	ստուգված
13.	Բուսականություն	30	ստուգված
14.	Մաթեմատիկա	26	ստուգված
15.	Մաթեմատիկա և շրջակա միջավայր	64	5/գերազանց/
16.	Լեզուների բնագիտություն	52	ստուգված
17.	Քաղաքական գործ մանկագրությունում	260	5/գերազանց/
18.	Քաղաքական գործ մանկագրությունում	206	4/ավ/
19.	Դպրոցական հիմնականներ	30	ստուգված
20.	Կրթական գործ մանկագրությունում	32	ստուգված
21.	Դպրոցական	96	5/գերազանց/
22.	Քաղաքական գործ մանկագրությունում	26	ստուգված
23.	Քաղաքական գործ մանկագրությունում	110	4/ավ/
24.	Մաթեմատիկական հիմնականներ	30	ստուգված
25.	Մաթեմատիկական հիմնականներ	30	ստուգված
26.	Քիմիա, կոլոիդ, ակադեմիկականություններ	30	ստուգված
27.	Ֆիզիոթերապիա	70	5/գերազանց/
28.	Կրթական գործ մանկագրությունում	92	4/ավ/
29.	Քաղաքական գործ մանկագրությունում	32	ստուգված
30.	Քաղաքական գործ մանկագրությունում	60	5/գերազանց/
31.	Կրթական գործ մանկագրությունում	26	ստուգված

Փաստաթղթի վերջ

Translated from Armenian

Name:		Republic of Armenia
Surname:		
Patronic Name:		
Date of Birth:		
Previous Document on Education	Secondary Education Certificate	
Series:	A N	
Entrance Form	Entrance Examination	
Entered:	Basic College of Yerevan Management University, Gyumri Chapter	
Date of entrance:	2005	
Date of completion:	2008	
Basic College of Yerevan Management University		
/Name of the University/		
Normative duration of daytime training:	3 Years	
Specialty:	Nursing License:	
Practical Trainings:	Educational: 16 weeks /576 hours/ 5 /Excellent/ Industrial: 7 weeks/ 252 hours/ 5 /Excellent/	
Professional final exam:	4 /Good/ /grade/	
Test: Theory with Practical Stages		
	<ul style="list-style-type: none"> <li>Fundamentals in Nursing</li> <li>Nursing in Therapy</li> <li>Nursing in Surgery</li> <li>Nursing in Pediatrics</li> </ul>	
The document consists of 1 sheet		



Basic College of Yerevan Management University, Gyumri Chapter

/Name of the University/

SUPPLEMENT to DIPLOMA  
Is invalid without the Diploma

AP N.   
/Series, Number of the Diploma/

Date of issue:

June 30, 2008

By the Decision of the Final Examination Committee of June 11, 2008 is Qualified as a Nurse

Basic College of Yerevan Management University  
Rector Signature  
Director Signature  
Official Seal of Basic College of Yerevan Management University, Gyumri Chapter

DURING EDUCATION STUDIED AND PASSED THE FOLLOWING COURSES:

N	Name of the Course	Total Hours	Grades
1	Armenian Language	64	4 /good/
2	Russian Language	64	passed
3	Foreign Language	64	passed
4	Physical Education	76	4/good/
5	Philosophy	32	passed
6	Latin	32	passed
7	Hygiene	64	passed
8	Computer Operating	64	passed
9	Anatomy, Microbiology, Physiology, Pathology	208	4 /good/
10	Nursing	652	4 /good/
11	Medical Genetics	32	passed
12	Economy	28	passed
13	Law	30	passed
14	Sociology	26	passed
15	Healthy Human and Environment	64	5 /excellent/
16	Disaster Medicine	52	passed
17	Nursing in Surgery	260	5 /excellent/
18	Nursing in Pediatrics	206	4 /good/
19	Nervous Diseases	30	passed
20	Clinical Pharmacology	32	passed
21	Pharmacology	96	5 /excellent/
22	Geriatrics	26	passed
23	Nursing in Midwifery and Gynecology	110	4 /good/
24	Skin Venereal Diseases	30	passed
25	Eve Diseases	30	passed
26	Ear Nose Throat Diseases	30	passed
27	Physiotherapy	70	5 /excellent/
28	Infectious Diseases	92	4/good/
29	General and Medical Psychology	32	passed
30	Rehabilitation and Intensive Therapy	60	5 /excellent/
31	Psychiatry	26	passed

End of document

Date February 15, 2024

Translator: Kristina Yegorova



# Case Study Group Work

- Each group will get the same sample credential.
- Review the credential together. Each group will answer one question.
  - Group 1: How would you verify the institution and its recognition?
  - Group 2: Can you determine document authenticity?
  - Group 3: Compare with education system standards.
  - Group 4: Assign an equivalency and document your group decision.
- What challenges did your group face?
- What resources were the most helpful?

# Documenting Research



# Why Documentation Is Crucial



Defensibility: Ensuring research is clear and traceable



Consistency: Helping future evaluators follow the same process



Efficiency: Avoiding duplication of work



# Documentation Best Practices



## Link

Use links for easy access to references

- Include page numbers (real or PDF) for paginated resources

## Record

Take screenshots of pertinent information

- Include enough information for context
- Highlight important information

## Notate

Notate or summarize your findings

- Allowing future evaluators to quickly review your research



## Research Documentation Example

- Credential Evaluated:  
Bachelor of Library and  
Information Science
- Attended: 2012-2016
- Diploma Awarded:  
October 2018

Recognition: BLIS at U of Nigeria, Nsukka is a NUC approved program since 1999 based on [Nigeria\\_NUC\\_Accreditation of UG Academic Programs\\_1990-November 2021](#) (PDF pgs 3-4)

### RESULTS OF ACCREDITATION OF UNDERGRADUATE ACADEMIC PROGRAMMES TAUGHT IN NIGERIAN UNIVERSITIES (1990 - NOVEMBER 2021)

UNIVERSITY OF NIGERIA, NSUKKA																			
Programmes	1990	1999/2000	2002	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 Education Religion Studies		Interim		Interim		Full							Full					Full	
20 Guidance and Counseling		Interim		Full									Full					Full	
21 Health Education		Interim		Interim		Full							Interim		Full				
22 Home Economics		Interim		Interim		Full							Full					Full	
23 Industrial and Technical Education		Interim		Interim		Full							Interim		Full				
24 Integrated Science													Full					Full	
25 Library and Information Science		Full			Full								Full					Full	

Program details: 4 year program based on JME, 3 year if direct entry <https://web.archive.org/web/20120814134422/http://www.unn.edu.ng/departments/library-and-information-science>

INTERNET ARCHIVE <http://www.unn.edu.ng/departments/library-and-information-science> 40 capture 27 Sep 2011

Home > Departments

### Library and Information Science

Philosophy, Objectives and Scope

Library and Information Science is a discipline concerned with the study of the principles and skills required for systematic collection, organization and utilization of societies' information resources in libraries. It is also concerned with the forces governing the flow of information resources and with creating ready access to these resources. The programme provides a basic professional course that will prepare librarians for all types of libraries and related documentation and information centres. The Department offers honours degree programmes leading to the Bachelor of Library and Information Science (B.L.I.S.) Degree. Undergraduate programmes combine professional courses in library and information science with academic disciplines of the arts or sciences. The study of another discipline is dictated by the nature of the library profession, which requires both professional skills and a broader academic background for effective practice. Such aspects of library service as cataloguing and classification, book selection and reference work require specialized knowledge of a subject area as well as professional expertise. Combinations offered include English, French, History, Botany, Chemistry, Economics, Geography, Mathematics, Physics, Political Science and Zoology.

The specific objectives of the course are as follows:

- To offer basic theoretical knowledge and skills required for effective performance of professional duties in libraries, information centres and related institutions;
- To provide relevant practical exposure and competence necessary for enhanced job performance;
- To develop and encourage the spirit of enquiry and creativity required to meet the challenges of rapid change and the knowledge explosion, technological development, new media and new approaches in education;
- To explore means of meeting the information needs of all segments of the population and extending the library's informational, educational and cultural roles in society.

**Duration of the course**

The programme may be completed full-time in four years by candidates admitted through entrance examination and in three years for those admitted by direct entry.

**Credit Note:** Although transcript lists 5 years, we have only 3 100-level courses, way fewer credits than typical Nigerian degrees, and courses only go to 400s in 5th year. I am evaluating this as a direct entry program which was completed part-time over 5 years and awarding credits at face value (within US 3-year range at 99)



# Developing Institutional Policies

# Determining Equivalencies – Institutional Policy

- Why does it matter?
  - Consistency for all your evaluators
  - Fairness to all your applicant pool
  - Historical trail
- How do you do this?
  - GTE: country policy spreadsheet within the “Country” folder.
  - Specific process “job aids” available for many countries, i.e. “*Título propio*/University-Specific Degrees”

Global Transcript Evaluation Team Equivalencies - Andorra

Degree or qualification	Length of program	Admission Requirement	GTE policy / US equivalency	Notes
<i>Certificat d'estudis de primera ensenyança</i> (Certificate of Primary Education)	6 years	Age of 6	Completion of grade 6	
<i>Títol de Graduat en segona ensenyança</i> (Title of Graduate in Secondary Education)	4 years	<i>Certificat d'estudis de primera ensenyança</i>	Completion of grade 10	
<i>Títol de batxiller</i> (Title of Baccalaureate)	2 years	<i>Títol de Graduat en segona ensenyança</i>	High school diploma	
<i>Diploma d'ensenyament professional</i> (Diploma of Vocational Education)	2 years	<i>Títol de Graduat en segona ensenyança</i>	Vocational high school diploma	
<i>Diploma Professional Avançat</i> (Advanced Professional Diploma)	2 years	<i>Títol de batxiller</i> or <i>Diploma d'ensenyament professional</i>	2 years of undergraduate study	
<i>Bàtxelor</i> (Bachelor)	3 years	<i>Títol de batxiller</i> or <i>Diploma d'ensenyament professional</i>	Bachelor's degree	
<i>Bàtxelor d'especialització en infermeria obstetricoginecològica</i> (Specialized Bachelor in Obstetrics and Gynecological Nursing)	2 years	<i>Bàtxelor</i>	Bachelor's degree	
<i>Màster</i> (Master)	2 years	<i>Bàtxelor</i>	Master's degree	
<i>Títol de Doctor</i> (Title of Doctor)	3 years	<i>Màster</i>	Doctoral degree	

NOTE: At the primary/secondary level, students may study in one of three education systems: the Andorran, French, or Spanish system. The Andorran system is outlined above. Please review the French or Spanish policy spreadsheet for students educated in the French or Spanish systems.

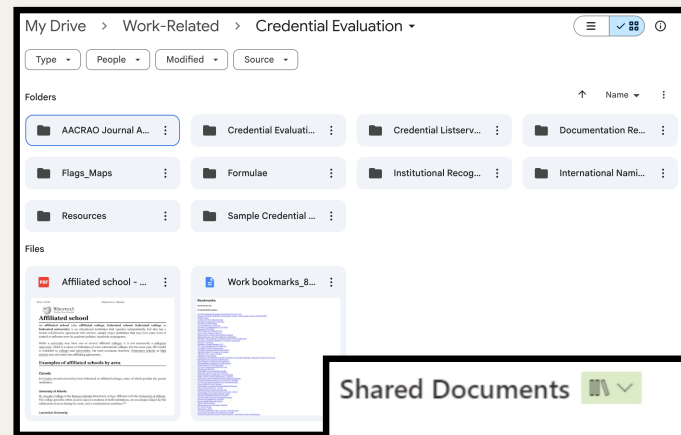
Academic Calendar

Country	Secondary	Post-Secondary
	Academic Year: September to June/July	Academic Year: September to June
Andorra	First Term: September to December	First Semester: September to January
	Second Term: January to April	Second Semester: February to June
	Third Term: April to June/July	

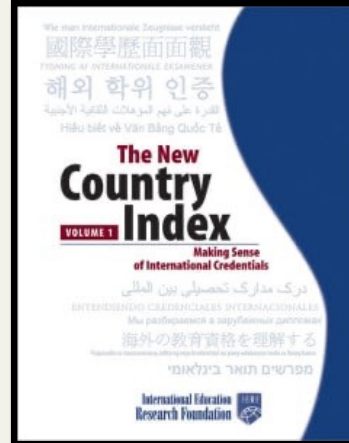
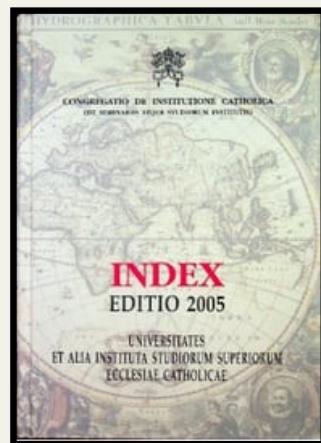
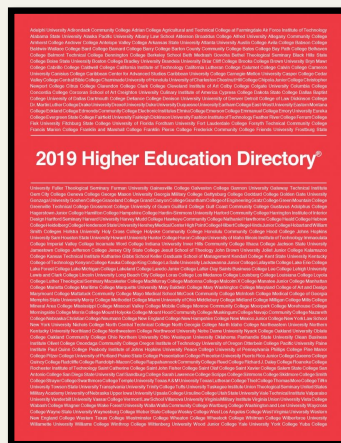
Country	Official Language(s)	LO: Secondary	LO: Post-Secondary
Andorra	Catalan	Catalan (Andorran system); French (French system); Spanish (Spanish system)	Catalan; French; Spanish; English

# Developing Institutional Research Policies

- Create a shared knowledge base
  - Electronic: Wiki, SharePoint, Google Drive
  - Physical: books, pamphlets, catalogs, other written materials



Shared Documents	
Name	Modified
Country Resources	April 23, 2021
General Resources	June 5, 2015
GPA Calculation Documents	Yesterday at 5:06 PM
APPROVED Senders_Electronic Transcripts.xl...	Yesterday at 4:07 PM
backup.pst	July 29, 2021
INTERNAL - NACES Members_January 2022...	Yesterday at 11:42 AM
NACES Member and AICE Endorsed Memb...	September 30, 2022



# Developing Institutional Research Policies

- Create training materials for new evaluators, including how to use your shared knowledge base.

i. Country Resources – this is the folder you will access most often. Each country has its own folder, and each country folder has the following sub-folders:

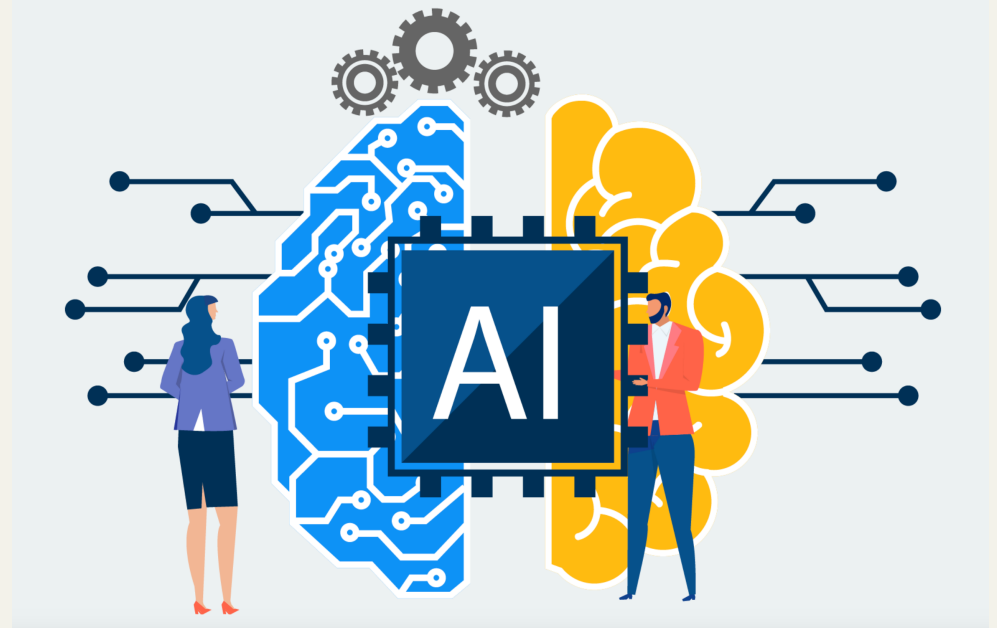
Shared Documents > Country Resources > Albania

Name	Modified
Accredited Institutions	Yesterday at 9:27 AM
Education Resources	April 23, 2021
Grading Scales	April 23, 2021
Nursing	Yesterday at 3:12 PM
Region-specific Policies	April 23, 2021
Albania.xlsx	Yesterday at 9:27 AM

1. Accredited Institutions – this folder contains the “Accredited Institutions” spreadsheet, “Not Accredited” spreadsheet, and may also contain archived accreditation/recognition information. You will access this folder for every evaluation you complete.
2. Education Resources – this folder contains information about the country’s education system, including conference/webinar presentation handouts, national qualification framework, education ladders, and country profiles.
3. Grading Scales – this folder may contain snapshots of grading scales we find to add to the Grading Scales PDF.
4. Nursing – this folder may not appear in all countries. If it is there, then the folder will contain information specifically relating to nursing education and/or licensure/registration.
5. Region-specific Policies – this folder may contain policies related to the country, but these will be phased out as we create the COUNTRY spreadsheets. If you do not see a COUNTRY spreadsheet, please check this folder to see if we currently have any policies for this particular country.
6. COUNTRY spreadsheet – GTE has created a spreadsheet of credentials and the GTE comparability for each credential for many countries. This document, if it is in the folder, should be what you refer to when you are unsure of what the credential comparability should be. We intend to create a country spreadsheet for every

# Developing Institutional Research Policies

- Regular updates on policy changes
  - Create calendar for updating policy
  - Keep abreast of technology changes
    - AI developments
    - How can that be incorporated to your research?



# Developing Institutional Research Policies

- Tip: create a “Credential Evaluation Worksheet” for new evaluators to complete with each evaluation.
  - New Adtalem evaluators must complete this worksheet for each credential evaluated throughout their initial training and audit period.
  - It helps establish good practice early!

Credential Evaluation Worksheet	
Primary Steps	
What is the name of the student as listed in Salesforce?	
Is it different than on the credential?	<input type="radio"/> Yes <input type="radio"/> No
If yes, did the student provide name change documentation or a statement confirming the name change?	<input type="radio"/> Yes <input type="radio"/> No
Credential Evaluation	
What is the name of the institution?	
Where is the institution located (city and country)?	
Is the institution and/or program recognized by the appropriate body in its country to award this kind of credential? <i>Remember that it must be from the student's time of study!</i>	<input type="radio"/> Yes <input type="radio"/> No
<i>If so, list the body which grants that recognition.</i>	
What level of education had to be completed prior to the student enrolling in the program?	
How many years of study were completed?	
Did the student earn a degree?	<input type="radio"/> Yes <input type="radio"/> No
<i>If so, what type of degree?</i>	
<i>If no, is the degree in progress?</i>	<input type="radio"/> Yes <input type="radio"/> No
Does this credential represent a secondary, undergraduate, graduate, professional, or vocational degree?	
What type of educational system does this credential represent: credits, hours, marks, or outcomes?	<input type="radio"/> Credits <input type="radio"/> Hours <input type="radio"/> Marks <input type="radio"/> Outcomes
Is there a grading scale on the credential?	<input type="radio"/> Yes <input type="radio"/> No
Is the credential official or unofficial?	<input type="radio"/> Official <input type="radio"/> Unofficial
What document(s) were received?	
For CBC cases, how many credits/hours/marks are on the credential? For outcomes-based credentials, how many courses are there total?	
Is the school in a country on Walden's English proficiency exempt country list?	<input type="radio"/> Yes <input type="radio"/> No
<i>If no, is the school's language of instruction English?</i>	<input type="radio"/> Yes <input type="radio"/> No
<i>If no, what is the primary language of instruction?</i>	
Have you added all the necessary additional and/or case comments?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Needed
OPE Case Number	Evaluator's Name
	Date Completed

# Key Takeaways for Both Sessions

## Part 1

1

- The role of research in credential evaluation

2

- Use reliable, age-appropriate resources

3

- Advanced internet searching

## Part 2

1

- Uses of AI in credential evaluation

2

- Applications of research to credential evaluation issues

3

- Importance of documenting research



# Thank You for Attending Research 101 Part Two!

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# Resources (Books and Articles)

- [AACRAO EDGE](#) country profiles and archived country publications
- [NAFSA Guide to Education Systems Around the World](#)
- [NUFFIC Education Systems](#)
- [IQAS International Education Guides](#)
- [ECE Connection](#)
- Leverage your institutional library and Interlibrary Loan (ILL)
- [TAICEP Resources at Your Desk](#)
  - Spreadsheet with thousands of resources by type

# Other Resources Referenced in Parts 1 & 2

- [Global Directory of National Qualification Frameworks](#)
- [Wayback Machine](#)
  - "Using the Internet Archive Part I: Beginner Session," January 2021 [video](#) and [conference presentation](#)
  - "Using the Internet Archive Part II: Intermediate Session," January 2021 [video](#) and [conference presentation](#)

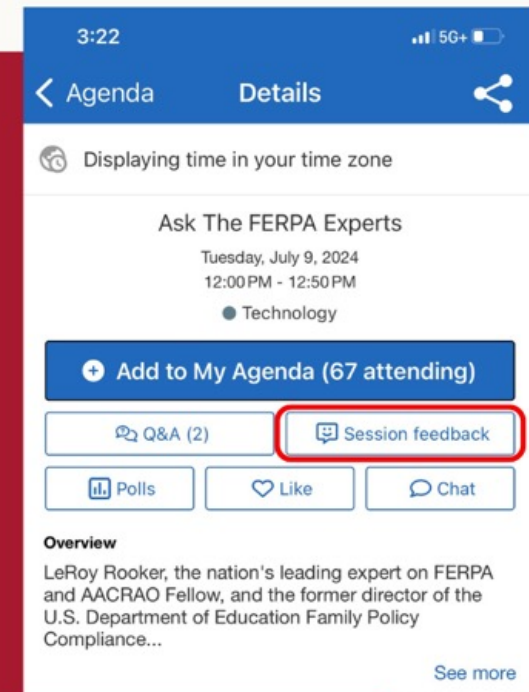
Q & A





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