



University of the Philippines Diliman
Office of the University Registrar

11 December 2024

CERTIFICATION

TO WHOM IT MAY CONCERN:

This is to certify that **CRISANTO LAGUNA ABAS** graduated from the University of the Philippines Diliman with the degree of **DOCTOR OF PHILOSOPHY (Mathematics)** on **28 July 2024**.

This certification is issued for whatever legal purpose it may serve.



ROWENA QUINTO-BAILON, PhD
University Registrar

P.O. Box 161, Diliman, Quezon City 1101, Phone 8981-8500, website:www.our.upd.edu.ph
Administrative Section ext 4551, 4552, 4553 / our.diliman@up.edu.ph

Academic Information System Section (AISS) ext 4560 / support@crs.upd.edu.ph * One Stop Student Desk (OSSD) ext 4557 / onestop.our@upd.edu.ph

Admissions Section (AS) ext 4556 / admission.our@upd.edu.ph * Registration and Clearance Section (RCS) ext 4555 / rcs_our.updiliman@up.edu.ph

Records Management Section (RMS) ext 4559 / rmaschief.ourdiliman@up.edu.ph * Student Evaluation Section (SES) ext 4563 / ses_our.updiliman@up.edu.ph

Transcripts Section (TS) ext 4561, 4562 / transcript@upd.edu.ph * University Council Secretariat Section (UCSS) ext 4554, 4558 / pucss_our.updiliman@up.edu.ph

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OFFICE OF THE UNIVERSITY REGISTRAR
UNIVERSITY OF THE PHILIPPINES DILIMAN
OFFICIAL TRANSCRIPT OF RECORDS

Name ABAS, CRISANTO LAGUNA
Student No. 2017-90473 Sex Assigned at Birth Male
Date & Place of Birth 02 February 1992; Hilongos, Leyte
Father's Name Abas, Carlito
Mother's Name Laguna, Angelita
Degree/Title/Course: DOCTOR OF PHILOSOPHY (Mathematics), 28 July 2024

Entrance Data:
Date/Semester admitted 1st Semester, 2017-2018
Category Graduate Level
Diploma/Title/Degree Master in Education
High School/College Leyte Normal University
Date Graduated/Last attended 30 October 2015
NCEE Rating _____ Year Taken _____
S.O. No.: _____ Date _____

COLLEGIATE RECORD		GRADES		CREDITS
COURSE NUMBER	COURSE TITLE	FINAL	Re-exam	
			Completion	
	<p>Records from the University of the Philippines Diliman begin on page 2.</p> <p>Entrance credentials show graduation from Leyte Normal University with the degree of Master in Education major in Mathematics (Non-Thesis) on 30 October 2015.</p> <p>Certified copies of the official transcript of records from the above school are attached as pages 6, 7, 8, 9, and 10.</p>			
Continued on page 2. Transcript guide on page 4 and page 5.				

Initial Checker mtramos Date 27 November 2019
Final Checker ebcandelario Date 10 December 2024
Printed By jcadiz Date 12 December 2024
Date Issued DEC 16 2024

ROWENA QUINTO-BAILON, PhD
University Registrar



OFFICE OF THE UNIVERSITY REGISTRAR
UNIVERSITY OF THE PHILIPPINES DILIMAN
OFFICIAL TRANSCRIPT OF RECORDS

Name ABAS, CRISANTO LAGUNA
Student No. 2017-90473

COLLEGIATE RECORD		GRADES		CREDITS
COURSE NUMBER	COURSE TITLE	FINAL	Re-exam Completion	
<u>COLLEGE OF SCIENCE</u> (Doctoral Program)				
<u>1st Semester, 2017-2018</u>				
Math 220.1	Theory of Functions of a Real Variable I	1.25		3
Math 228	Theory of Functions of a Complex Variable	1.5		3
Math 242	General Topology	1.75		3
<u>2nd Semester, 2017-2018</u>				
Math 210.1	Modern Algebra I	2		3
Math 211	Linear Algebra	1.75		3
Math 220.2	Theory of Functions of a Real Variable II	1.25		3
<u>Midyear, 2018</u> Residence				
<u>1st Semester, 2018-2019</u>				
Math 229	Functional Analysis	1.75		3
Math 236	Mathematics in Biological Processes	1.25		3
Math 240	Geometric Crystallography	1.25		3
Math 246	Differential Geometry	1		3
<u>2nd Semester, 2018-2019</u>				
Math 210.2	Modern Algebra II	1.75		3
Math 241	Hyperbolic Geometry	1.25		3
Math 297	Special Topics: Coding Theory	1.25		3
<u>Midyear, 2019</u> Residence				
<u>1st Semester, 2019-2020</u>				
Math 217	Theory of Numbers	1.5		3
Math 271.1	Numerical Analysis I	1.75		3
<u>2nd Semester, 2019-2020</u> Residence				
<u>Midyear, 2020</u> Residence				
<u>1st Semester, 2020-2021</u>				
Math 296	Graduate Seminar	Pass		1
<u>2nd Semester, 2020-2021</u>				
Math 400	PhD Dissertation	Pass		3
<u>1st Semester, 2021-2022</u> Residence				
Continued on page 3. Transcript guide on page 4 and page 5.				

Initial Checker mtramos Date 27 November 2019
Final Checker ebcandelario Date 10 December 2024
Printed By jcadiz Date 12 December 2024
Date Issued DEC 16 2024

ROWENA QUINTO-BAILON, PhD
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OFFICE OF THE UNIVERSITY REGISTRAR
UNIVERSITY OF THE PHILIPPINES DILIMAN
OFFICIAL TRANSCRIPT OF RECORDS

Name ABAS, CRISANTO LAGUNA
Student No. 2017-90473

COLLEGIATE RECORD		GRADES		CREDITS
COURSE NUMBER	COURSE TITLE	FINAL	Re-exam Completion	
<u>2nd Semester, 2021-2022</u> Residence	PhD Dissertation	Inc	Pass	3
<u>1st Semester, 2022-2023</u> Math 400				
<u>2nd Semester, 2022-2023</u> Residence				
<u>1st Semester, 2023-2024</u> Residence				
<u>2nd Semester, 2023-2024</u> Math 400	PhD Dissertation	Pass		6
Dissertation Title: "Numerical Analysis of a Water Quality Model using the Finite Element Method and Applications to Philippine River Systems"				
Graduated with the degree of DOCTOR OF PHILOSOPHY (Mathematics) on 28 July 2024				
End of UP Diliman Transcript. Cleared: 05 December 2024				

Initial Checker mtramos Date 27 November 2019
Final Checker ebcandelario Date 10 December 2024
Printed By jcadiz Date 12 December 2024
Date Issued DEC 16 2024



ROWENA QUINTO-BAILON, PhD
University Registrar



OFFICE OF THE UNIVERSITY REGISTRAR UNIVERSITY OF THE PHILIPPINES DILIMAN

TRANSCRIPT GUIDE

Student records are confidential and information is released only at the request of the student or of appropriate institutions [provided an authority to release is issued by the student]. "Partial" transcripts are not issued. Official transcripts of records obtained from other institutions and which have been submitted to the University for admission and/or transfer of credit become part of the student's permanent record and are issued as certified true copies with the UP transcript.

Application for transcript of records should be accompanied by a student clearance (UP Form 241). University clearance should be applied for immediately after the last semester/trimester/term of enrolment.

Transcript Entries

Courses taken in UP Diliman, cross-enrolled in other Constituent Units (CUs); Advance Placement Examination (APE), Advance Credits Awarded, and Proficiency Examination in Physical Education (PEPE) appear in the Transcript of Records.

Advance Placement Examination (APE)

New freshmen who qualify for and pass the prescribed advance placement examination in basic courses in the freshman year such as the languages, College Algebra, Plane Trigonometry, and others within one (1) year of their enrolment in the University, shall be given credit for the corresponding subjects in their academic program provided that this privilege is not given for more than six (6) units in any one discipline. These examinations are usually scheduled two (2) weeks before the advanced freshmen registration every first semester.

Holders of the International Baccalaureate (IB) diploma/certificate may apply for advance credit for certain subjects they have taken. However, the total credit that may be granted, including automatic credit, shall not exceed 15 units per subject area.

Proficiency Examination in Physical Education (PEPE)

Proficiency examinations (or credit by examination) in PE courses are given to enable students who are already skillful in one (1) or more sports to acquire advanced units in PE. Any student who passes a PEPE shall be given credit for the corresponding PE course. Students may take proficiency examinations in one (1) or more courses to meet the PE requirements. The examination is given twice a year before the start of every semester.

Validation for Advanced Credits

A transfer student admitted with less than 66 units of work must validate all the courses he/she is applying for advanced credits at the rate of 18 units a semester within a period not exceeding three (3) semesters from the date of admission.

As of August, 2019

Academic Calendar

The Academic Calendar is divided into two (2) semesters of at least 16 weeks each, exclusive of registration and final examination period. Each semester consists of at least 100 class days. A summer session of 6 weeks follows the second semester. Class work in the summer session is equivalent to class work in one (1) semester.

Effective Academic Year 2014-2015, the first semester begins in August, the second semester in January, and the midyear term in June. Prior to this, the first semester begins in June, the second semester in November, and the summer term in April.

All academic units in UP Diliman operate under the semestral system, except for the Master of Business Administration and the Master of Science in Finance programs of the Cesar E.A. Virata School of Business (CEAVSB), the Master of Management of the UP Extension Program in Pampanga/Olongapo, and the Professional Masters in Tropical Marine Ecosystems Management program of the College of Science which are under the trimestral system.

Special Order Number

The University of the Philippines, the National University by virtue of R.A. 9500, operates under a University Charter. Graduation of students does not require confirmation by the Commission on Higher Education (CHED), thus, the University does not issue a Special Order No. to its graduates.

Authenticity

The copy of the Transcript of Records is an exact reproduction of the transcript on file with the Office of the University Registrar and is considered as a copy of the original when it bears the dry seal of the University and the original signature of the University Registrar or a Security Signature Stamper. The use of the stamper was approved by the Board of Regents at its 1303rd meeting held last 26 November 2014 and implemented effective January 2015.

Any erasure or alteration made on this copy renders the whole transcript spurious and invalid.

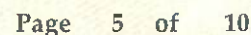
Credit Unit

The unit is the semester hour. Most classes taught at the University meet 3 hours a week; these classes carry 48 clock hours of instruction and 3 units of credit.

Each unit of credit is at least 16 semester-hours of instruction in the form of lecture, discussion, seminar, tutorial, recitation, or any combination of these forms. Laboratory work, field work, or related student activity is credited one (1) unit for at least thirty-two (32) semester hours.



ROWENA QUINTO-BAILON, PhD
University Registrar



TRANSCRIPT GUIDE

The following grading systems have been adopted:

*For graduate courses in the College of Agriculture, Graduate College of Education and Graduate School of Arts and Sciences, grades below "2" shall not carry graduate credit.

Grades of 1.25, 1.75, 2.25 and 2.75 may also be given but in no case shall they be more detailed than in multiples of 0.25. *Some subjects are graded H - Honors, P - Pass, F - Fail.

¹AY1926-1941 & 1952-1957²AY1942-1951, 1963-1964 & 1972-1973

AY1958-1962

[†]AY1965-1971^sAY1974-1979^aAY1980-1995⁷AY1996-to present

The University can only issue another copy of the TOR to the student upon submission of a "No Objection Letter" issued by the school where the student is currently enrolled.

Republic Act 9163 known as the NSTP Act of 2001 mandates State Universities to offer Reserve Officers' Training Corps (ROTC) and its components such as Literacy Training Service (LTS) and Civic Welfare Training Service (CWTS).

Rule III, Section 4(c) of the Implementing Rules and Regulations of R.A. 9163 issued on 13 November 2009 requires completion of a 25-hour common module prior to taking up a particular NSTP component.

All students enrolled in any baccalaureate or in at least two (2) year technical/vocational or associate course are required to complete the equivalent of two (2) semesters of any of the above components as a requisite for graduation.

R.A. 9163 however waived the requirements of ROTC prior to graduation of students who have finished all academic requirements on or before the 2nd Semester AY 2001-2002. Students may be graduated as of 2nd Semester AY 2001-2002 after application for graduation and without the required one-year residence.

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Note: For Thesis/Dissertation courses, qualitative grades such as S - Satisfactory, U - Unsatisfactory, and P - Pass do not have equivalent grades in the International Grading System. These non-numerical grades should be taken independently of the International Grading System.

Honorable Dismissal is voluntary withdrawal from the University. The petition for honorable dismissal is granted to: a student in good standing; upon settlement of accountabilities in the University, and approval by the University Registrar.

A statement that the student has been dropped from the rolls due to poor standing may be added to the honorable dismissal certification.

Honorable dismissal is not issued to a student who has graduated from the University and to a student who was expelled due to disciplinary action.

A Transcript of Records (TOR) with notation "COPY FOR: (name of school)" means that the University has transferred the records of the student to the receiving school.



LEYTE NORMAL UNIVERSITY
Tacloban City, Philippines



Official Transcript of Records

Personal Data

Name **ABAS, CRISANTO LAGUNA**
 Birth Date **02 February 1992**
 Birth Place **Hilongos, Leyte**
 Gender **Male**
 Religion **Roman Catholic**
 Citizenship **Filipino**
 Parent/Guardian **Carlito A. Abas**
 Address **Brgy. Matapay, Hilongos, Leyte**
 Entrance Data **TOR from Visayas State University February 1, 2014**



Educational Background

Elementary **Hilongos South Central** **2005**
 High School **Hilongos National Vocational School** **2009**
 Undergraduate **Visayas State University** **April 5, 2013**

Course : Master in Education
Purpose : Issued as Transfer Credential

COLLEGIATE RECORD

School Term & Course No.	Descriptive Title	Final Rating	Re-Exam	Units
Second Semester S.Y. 2013 - 2014 Leyte Normal University, M.Ed.				
FD 501	Basic Research	1.3		3.0
FD 502*	Basic Statistics	1.1		3.0
MATH 527	Number Theory	1.1		3.0
First Semester S.Y. 2014 - 2015				
MATH 521a	Foundations of Algebra	1.2		3.0
MATH 526	Linear Algebra	1.4		3.0
MATH 533	Complex Analysis	1.2		3.0
Second Semester S.Y. 2014 - 2015				
MATH 524	Probability and Statistics for Teachers	1.0		3.0
MATH 532	Foundations of Mathematics	1.4		3.0
MATH 535	Foundation of Mathematics Education (Issues and Trends in Math Education)	INC	1.2	3.0
Summer 2015				
MATH 520	Instructional Planning and Procedures	1.4		3.0
MATH 531	Seminar Paper in Mathematics Education	1.6		3.0

UNDERGRADUATE GRADES TRANSMUTATION TABLE: THE FINAL RATING IS CUMULATIVE.

1.0(100-95) Excellent; 1.1-1.5(94-80) Very Good; 1.6-2.5(89-80) Good; 2.6-3.0(79-75) Fair; 4.0(74-70) Conditioned;
 5.0(69 and below) Failure; student must repeat; WDR - Withdrawn Subject; DR - Dropped; INC - Incomplete; NG - No Grade
 CREDITS:
 One unit of credit is one hour of lecture or three hours of laboratory.

GRADUATE Grading System Transcript Guide

1.0 - Superior
 1.1
 1.2 - Very Good
 1.3
 1.4
 1.5 - Good
 1.6

1.7
 1.8
 1.9 - Satisfactory
 2.0
 3.0 - Poor but Passing
 5.0 - Failed

Other Symbols

T - Term Work Incomplete
 P - Passed
 HP - High Passed
 SP - Satisfactory Progress
 UP - Unsatisfactory Progress
 SC - Satisfactory Completion
 INC - Incomplete
 DR - Dropped

GAY A. PINOTE

Registrar III

23 October 2017

Prepared and Checked by: **ROWENA P. ARIZA**

Admin. Aide VI

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ROWENA QUINTO-BAILON, PhD
University Registrar

LEYTE NORMAL UNIVERSITY
Tacloban City, Philippines



Official Transcript of Records

ABAS, CRISANTO LAGUNA

Course : Master in Education

Purpose : Issued as Transfer Credential

COLLEGIATE RECORD

School Term & Course No.	Descriptive Title	Final Rating	Re-Exam Units
Summer 2015			
MATH 536	History of Mathematics	1.2	3.0
First Semester S.Y. 2015 - 2016			
Residence			0.0
GRADUATED: with the DEGREE of Master in Education major in Mathematics (Non-Thesis) on October 30, 2015 as per Board Resolution No. 843, s. 2016.			

----- End of Student's Records -----

UNDERGRADUATE GRADES TRANSMUTATION TABLE: THE FINAL RATING IS CUMULATIVE

1.0(100-95) Excellent; 1.1-1.5(94-90) Very Good; 1.6-2.5(89-80) Good; 2.6-3.0(79-75) Fair; 4.0(74-70) Conditioned;
5.0(69 and below) Failure: student must repeat; WDR - Withdrawn Subject; DR - Dropped; INC - Incomplete; NG - No Grade

CREDITS:

One unit of credit is one hour of lecture or three hours of laboratory.

GRADUATE Grading System Transcript Guide

1.0 - Superior	1.7
1.1	1.8
1.2 - Very Good	1.9 - Satisfactory
1.3	2.0
1.4	3.0 - Poor but Passing
1.5	5.0 - Failed
1.6 - Good	

Other Symbols

T - Term Work Incomplete
P - Passed
HP - High Passed
SP - Satisfactory Progress
UP - Unsatisfactory Progress
SC - Satisfactory Completion
INC - Incomplete
DR - Dropped

REMARKS: Copy for: UNIVERSITY OF THE PHILIPPINES-DILIMAN

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GAY A. PINOTE
Registrar III

23 October 2017

Prepared and Checked by: **ROWENA P. ARIZA**

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ROWENA QUINTO-BAILON, PhD
University Registrar



VISAYAS STATE UNIVERSITY

(Formerly Visayas State College of Agriculture and Leyte State University)

Main Campus

Visca, Baybay City, Leyte 6521-A
Philippines

website : www.vsu.edu.ph
email : op@vsu.edu.ph
registrar@vsu.edu.ph
Tele Fax : +63 53 335 2601
+63 53 335 2644

OFFICIAL TRANSCRIPT OF RECORDS

PERSONAL DATA

Student Name : Abas, Crisanto Laguna
Student Number : 09-1-00526
Date of Birth : February 02, 1997
Place of Birth : Hilongos, Leyte
Sex : Male
Religion : Roman Catholic
Citizenship : Filipino
Parent/Spouse : Carlito A. Abas
Address : Brgy. Matapay, Hilongos, Leyte
Tel. No./Cell. No. :
Guardian :
Address/Cell. No. :



PRELIMINARY EDUCATION

Elementary : Hilongos South Central School Year : 2005
Hilongos, Leyte
High School : Hilongos National Vocational School Year : 2009
Hilongos, Leyte
Entrance Form 138
Credential : Hilongos National Vocational School
Hilongos, Leyte

GRADING SYSTEM

RATING	EQUIVALENT	INDICATION
1.00	97-100	Excellent
1.25	94-96	Highly Outstanding
1.50	91-93	Outstanding
1.75	88-90	Very Good
2.00	85-87	Good
2.25	82-84	Very Satisfactory
2.50	79-81	Satisfactory
2.75	76-78	Fair
3.00	75	Passing
5.00	BELOW 75	Failure
S - Satisfactory	Inc - Incomplete	
U - Unsatisfactory	Drp - Dropped	
Au - Audit (No credit)		

One collegiate unit of credit is one hour lecture or recitation each week or a total of 16 hours in a semester. Three hours of laboratory work, drafting, or a shop work each week or a total of 54 hours a semester are regarded as equivalent also to one unit of credit.

The semestral average of a student is computed by multiplying the number of units assigned to a course by the grade earned and the product divided by the total units earned for the semester.

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Page 1 of 2 pages

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REGISTRAR III

LEYTE NORMAL UNIVERSITY
TACLOBAN CITY

DATE: _____

ELIEZER L. VELASCO
University Registrar



ROWENA QUINTO-BAILON, PhD
University Registrar



VISAYAS STATE UNIVERSITY

(Formerly Visayas State College of Agriculture and Leyte State University)

Main Campus

Visca, Baybay City, Leyte 6521-A
Philippines

website : www.vsu.edu.ph
email : op@vsu.edu.ph
registrar@vsu.edu.ph
Tele Fax : +63 53 335 2601
+63 53 335 2644

OFFICIAL TRANSCRIPT OF RECORDS

VISAYAS STATE UNIVERSITY (VSU), Visca, Baybay City, Leyte

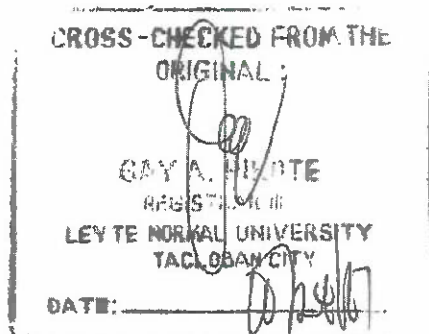
09-1-00526 : Abas, Crisanto Laguna

Bachelor of Secondary Education (BSEd)

Course	Descriptive Title	Grade	Credit
First Semester, SY 2009-2010			
Chem 15	GENERAL INORGANIC CHEMISTRY	1.50	5.0
ENGL 11	COMMUNICATION SKILLS I	2.00	3.0
Fili 21	KOMUNIKASYON SA AKADEMIKONG FILIPINO	1.75	3.0
Math 11	COLLEGE ALGEBRA	1.50	3.0
ScSc 13	SOCIO-ECONOMIC SYSTEMS	1.75	3.0
ScSc 14	PHIL.SOC.PROBS., LAND REFORM & TAXATION	1.25	3.0
Soci 11	GENERAL SOCIOLOGY	2.25	3.0
PhyEd11	PHYSICAL FITNESS AND GYMNASICS	1.75	2.0
NSTP 11r	RESERVE OFFICERS TRAINING CORPS (ROTC)	2.00	3.0
Second Semester, SY 2009-2010			
CSci 21	INTRODUCTION TO COMPUTERS	INC	2.25 3.0
Engl 12	COMMUNICATION SKILLS II	1.75	3.0
Fili 22	PAGBASA AT PAGSULAT TUNGO SA PANANALIKSIK	1.75	3.0
Math 12	PLANE TRIGONOMETRY	1.25	3.0
Math 133	FUNDAMENTAL STATISTICAL CONCEPTS	2.50	4.0
Psyc 11	GENERAL PSYCHOLOGY	1.75	3.0
ScSc 15	PHILIPPINE HISTORY, GOVERNMENT & CONSTITUTION	2.25	3.0
PhyEd12	RECREATIONAL GAMES, RHYTHMIC ACTIVITIES & DANCE	1.75	2.0
NSTP 12r	RESERVE OFFICERS TRAINING CORPS (ROTC)	2.00	3.0
First Semester, SY 2010-2011			
Biol 11	GENERAL BIOLOGY	1.25	4.0
Engl 21	INTRODUCTION TO LITERATURE	1.50	3.0
Phys 13	COLLEGE PHYSICS I	2.00	4.0
PrEd 123	CHILD & ADOLESCENT DEVELOPMENT	1.75	3.0
PrEd 132	CURRICULUM DEVELOPMENT	1.50	3.0
PrEd 153	FIELD STUDY 1: THE LEARNERS DEVELOPMENT AND ENVIRONMENT	1.50	1.0
Spch 11	SPEECH COMMUNICATION	2.25	3.0
PhyEd13	TEAM SPORTS	1.50	2.0
Second Semester, SY 2010-2011			
Fili 23	ANG PANITIKAN NG PILIPINAS	1.50	3.0
Math 103	ADVANCED ALGEBRA	1.25	3.0
Math 118	PLANE AND SOLID GEOMETRY	1.50	5.0
Phys 14	COLLEGE PHYSICS II	1.50	3.0
PrEd 126	PRINCIPLES & METHODS OF TEACHING 1	1.50	3.0
PrEd 128	FACILITATING HUMAN LEARNING	1.50	3.0
PrEd 154	FIELD STUDY 2: EXPERIENCING THE TEACHING-LEARNING PROCESS	1.50	1.0
PhyEd 14	INDIVIDUAL-DUAL SPORTS	INC	1.75 2.0
Summer 2011			
Math 105	HISTORY OF MATHEMATICS	1.50	3.0
Math 23	ANALYTIC GEOMETRY	1.00	3.0
First Semester, SY 2011-2012			
Hum 11	INTRODUCTION TO HUMANITIES	1.00	3.0
Math 106	SEMINAR ON PROBLEM SOLVING IN MATH	2.00	3.0
Math 122	DIFFERENTIAL CALCULUS	1.75	4.0
Philo 12	CONTEMPORARY PHILOSOPHICAL THOUGHTS	1.25	3.0

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Page 2 of 2 pages



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University Registrar

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VISAYAS STATE UNIVERSITY
 (Formerly Visayas State College of Agriculture and Leyte State University)
Main Campus
 Visca, Baybay City, Leyte 6521-A
 Philippines

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 email : op@vsu.edu.ph
 registrar@vsu.edu.ph
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 +63 53 335 2644

OFFICIAL TRANSCRIPT OF RECORDS

VISAYAS STATE UNIVERSITY (VSU), Visca, Baybay City, Leyte
 09-1-00526 : **Abas, Crisanto Laguna**
 Bachelor of Secondary Education (BSEd)

Course	Descriptive Title	Grade	Credit
First Semester, SY 2011-2012			
PrEd 127	PRINCIPLES AND METHODS OF TEACHING 2	1.50	3.0
PrEd 129	EDUCATIONAL TECHNOLOGY 1	2.00	3.0
PrEd 155	FIELD STUDY 3: TECHNOLOGY IN THE LEARNING ENVIRONMENT	1.75	1.0
Second Semester, SY 2011-2012			
Math 104	NUMBER THEORY & MATHEMATICAL LOGIC	2.00	3.0
Math 107	SEMINAR ON INSTRUMENTATION & TECHNOLOGY IN MATHEMATICS	1.25	3.0
Math 123	INTEGRAL CALCULUS	1.50	4.0
PrEd 138	DEVELOPMENTAL READING 1	1.50	3.0
PrEd 152	EDUCATIONAL TECHNOLOGY 2	1.50	3.0
PrEd 156	FIELD STUDY 4: EXPLORING THE CURRICULUM	1.25	1.0
PrEd 190a	SPECIAL TOPICS	1.50	2.0
ScSc 16	LIFE AND WORKS OF RIZAL	1.25	3.0
Stat 130	STATISTICAL METHODS	1.50	3.0
Summer 2012			
Math 145	PROBABILITY	2.00	3.0
PrEd 146	ASSESSMENT OF STUDENT LEARNING 1	1.25	3.0
First Semester, SY 2012-2013			
Math 108	MATHEMATICAL INVESTIGATION AND MODELING	1.25	3.0
Math 134	INTRODUCTION TO ABSTRACT ALGEBRA	1.00	3.0
Math 14	BUSINESS MATHEMATICS	1.50	3.0
Math 143	LINEAR ALGEBRA	1.25	3.0
PrEd 125	THE TEACHING PROFESSION	1.75	3.0
PrEd 141	SOCIAL DIMENSIONS OF EDUCATION	1.50	3.0
PrEd 157	FIELD STUDY 5: LEARNING ASSESSMENT STRATEGIES	1.75	1.0
PrEd 158	FIELD STUDY 6: ON BECOMING A TEACHER	1.25	1.0
PrEd 161	ASSESSMENT OF STUDENT LEARNING 2	1.50	3.0
PrEd 190b	SPECIAL TOPICS	1.50	1.0
PrEd 199	UNDERGRADUATE SEMINAR	1.75	1.0
Second Semester, SY 2012-2013			
PrEd 200	STUDENT TEACHING	1.25	6.0
Graduated CUM LAUDE on April 5, 2013 with the degree of Bachelor of Secondary Education (BSEd) major in Mathematics as per VSU Board of Regents Resolution No. 6, s. 2013 dated March 7, 2013.			

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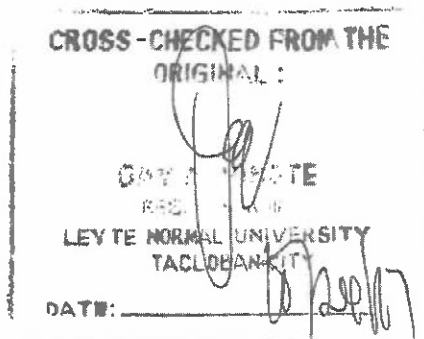
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REMARKS : GRANTED TRANSFER CREDENTIAL

DATE ISSUED: February 2, 2015

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[Signature]
ELIEZER L. VELASCO
 University Registrar



ROWENA QUINTO-BAILON, PhD
 University Registrar