

# Visayas State University

MAIN CAMPUS

Atabuhap!

Greetings!

Ipinabuti sa lahat na ang Tugon ng mga Rehenle at sa rekomendasyon ng

Be it known to all that the Board of Regents and upon the recommendation of  
Akademikong Konseho ng Unibersidad ay nagpaawad kay  
the University Academic Council has conferred upon

**Atilo M. Ilorrea**

ng titulong  
the degree of

**Master of Science**  
(Agricultural Engineering)

*kalakip ang mga karapatan at pribilehiyong kaugnay nito.*  
with all the rights and privileges appertaining thereto.

**Bilang pagpapahintay, nakatatuk dito ang sagisag ng Unibersidad**  
In testimony whereof, the seal of the University

at ang mga lagda ng Pangulo at ng Kalihim ng Unibersidad.  
and the signatures of the President and the Secretary of the University are affixed herunto.

Pinagkaloob sa VSU, Visca, Bangsal ng Baybay, Leyte, Silipinas ngayong ika-tatampung araw  
Given at VSU, Visca, City of Baybay, Leyte, Philippines this 30th day  
ng Setyembre sa taon ng ating Panginoo, Patatayang Ika at Patatampung't Ika.  
of September in the year of our Lord, Two Thousand and Twenty-one.



*Guibaldo Fernandez, Jr.*  
**GUIBALDO FERNANDEZ, JR.**  
Secretary of the University

*Edgardo E. Tulin*  
**EDGARDO E. TULIN**  
President of the VSU System





**OFFICIAL TRANSCRIPT OF RECORDS**

**PERSONAL DATA**

**Student Name** : LEORNA, NILO LASQUITE  
**Student Number** : 93-0-00449  
**Date of Birth** : September 04, 1976  
**Place of Birth** : Saint Bernard, Southern Leyte  
**Sex** : Male  
**Religion** : Born Again Christian  
**Citizenship** : Filipino  
**Parent/Spouse** : Marisel A. Leorna  
**Address** : Apt. 24, VSU Campus, Baybay City, Leyte  
**Guardian** :  
**Address** :



**PRELIMINARY EDUCATION**

**Elementary** : Mahayahay Elementary School  
Mahayahay, Mahaplag, Leyte **Year** : 1989  
**High School** : Cristo Rey Regional High School  
Saint Bernard, Southern Leyte **Year** : 1993  
**Tertiary** : Visayas State College of Agriculture  
Baybay, Leyte **Year** : 2000  
**Entrance Credential** : Official Transcript of Records  
Visayas State College of Agriculture  
Baybay, Leyte

**GRADING SYSTEM:**

NUMERICAL RATING	ADJECTIVAL RATING	EQUIVALENT ALPHABETIC RATING
1.00	Excellent	A
1.25	Highly Outstanding	A+
1.50	Outstanding	A-
1.75	Very Good	B
2.00	Good	B+
2.25	Very Satisfactory	B-
2.50	Satisfactory	C
2.75	Fair	C+
3.00	Passing	C-
5.00	Failure	F

S - Satisfactory      Inc - Incomplete  
U - Unsatisfactory      DR - Dropped  
Au - Audit (No credit)

One unit of credit is one hour lecture or recitation or three hours of laboratory work, drafting or shop work each week for the period of a complete semester.

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.

Note: This transcript is considered original when it bears the seal of the University and the original signature of the University Registrar. Any erasure or alteration made on this copy renders the whole transcript invalid.

FOR AND IN BEHALF OF THE  
UNIVERSITY REGISTRAR

*Renato A. Maala*  
RENATO A. MAALA  
Registrar III/IV

MARWEN A. CASTAÑEDA  
University Registrar, V

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**Vision:** A globally competitive university for science, technology, and environmental conservation.  
**Mission:** Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.





**OFFICIAL TRANSCRIPT OF RECORDS**

**VISAYAS STATE COLLEGE OF AGRICULTURE, Baybay, Leyte**

Graduated on April 6, 2000 with the degree of Bachelor of Science in Agricultural Engineering (BSAE), as per VISCA Board of Trustees Resolution No. 16, s. 2000, dated March 13, 2000.

VISAYAS STATE UNIVERSITY, Visca, Baybay City, Leyte

93-0-00449 : **LEORNA, NILO LASQUITE**  
: Master of Science (MS)

Course No.	Descriptive Title	Grade	Credit
First Semester, SY 2007 - 2008			
AGEN205	INSTRUMENTATION FOR ENG'G. RESEARCH	1.25	3.0
COSC211	COMPUTER APPLICATIONS IN ENG'G.	INC	-
First Semester, SY 2017 - 2018			
AGEN205	INSTRUMENTATION FOR ENG'G. RESEARCH	1.00	3.0
AGEN241	PHYS'L PROPERTIES OF AGRIC PRODUCTS	1.25	3.0
AGEN251	RENEWABLE ENERGY I	1.25	3.0
STAT206	STAT'L METHODS FOR PHYSICAL SCIENCE	1.50	3.0
Second Semester, SY 2017 - 2018			
AGEN244	DRYING & STORAGE OF AGRICULTURAL PRODUCTS	INC 1.25	3.0
AGEN246	POSTHARVEST ENG FOR AGRIC. PRODUCTS	1.25	3.0
AGEN252	RENEWABLE ENERGY II	1.50	3.0
ECON215	ECONOMETRICS	1.75	3.0
First Semester, SY 2018 - 2019			
AGEC221	ADVANCED FARM MANAGEMENT	1.75	3.0
AGEC231	PROJECT FEASIBILITY STUDIES	1.25	3.0
AGEN299	GRADUATE SEMINAR	1.25	1.0
AGEN300.3	MASTER'S THESIS	VS	IN PROGRESS
Second Semester, SY 2018 - 2019			
AGEN300.3	MASTER'S THESIS	-	-
Summer, SY 2018 - 2019			
AGEN300.1	MASTER'S THESIS	-	-
First Semester, SY 2019 - 2020			
AGEN300	MASTER'S THESIS	InP	-
Second Semester, SY 2019 - 2020			
AGEN300	MASTER'S THESIS	-	-
First Semester, SY 2020 - 2021			
AGEN300	MASTER'S THESIS	1.25	6.0

**THESIS:** "DEVELOPMENT OF AN AUTOMATIC TEMPERATURE CONTROLLER FOR THE PHILROOTCROPS PORTABLE EXTRUDER"

Graduated on April 30, 2021 with the degree of Master of Science (MS) Major in Agricultural Engineering as per VSU Board of Regents Resolution No. 190, s. 2020 dated January 28, 2021.

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Doc. Stamp Paid P30.00  
REMARKS : FOR EMPLOYMENT  
DATE ISSUED : October 21, 2022

FOR AND IN BEHALF OF THE  
UNIVERSITY REGISTRAR

*Renato A. Maala*  
Registrar III

MARWEN A. CASTAÑEDA  
University Registrar IV

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**Vision:** A globally competitive university for science, technology, and environmental conservation.  
**Mission:** Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.





# VISAYAS STATE UNIVERSITY

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Main Campus

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Philippines

Tele Fax: + 63 53 335 2601

+ 63 53 335 2644

Tel. No.: + 63 53 563 7428

website: www.vsu-visca.edu.ph

## OFFICIAL TRANSCRIPT OF RECORDS

LEORNA

NILO

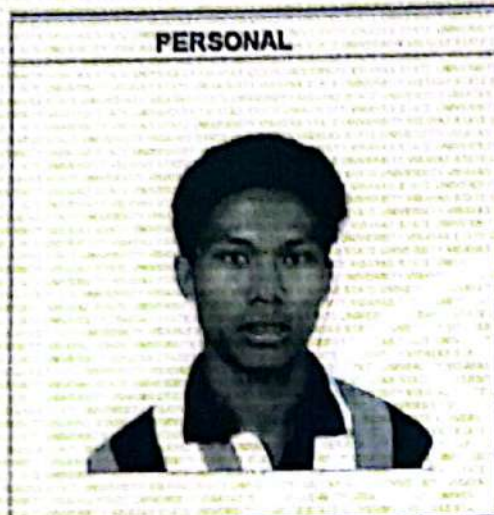
L.

Student No. 930449

Last Name

First Name

Middle Name



### PERSONAL

### EDUCATIONAL

Elementary: Mahayahay Elementary School  
St. Bernard, So. Leyte

Secondary: Cristo Rey High School  
St. Bernard, So. Leyte

Curriculum Year	Name and Address of School	School Year
1st	Cristo Rey High School St. Bernard, So. Leyte	1989-90
2nd	- do -	1990-91
3rd	- do -	1991-92
4th	Cristo Rey High School St. Bernard, So. Leyte	1992-93

### PERSONAL DATA

Sex: Male

Religion: Roman Catholic

Citizenship: Filipino

Date of Birth: September 04, 1976

Place of Birth: St. Bernard, So. Leyte

Civil Status: Single

Home Address:

Mahayahay

St. Bernard, So. Leyte

Parents:

Father: Julian P. Leorna

Mother: Luna L. Leorna

Parents Address:

Mahayahay

St. Bernard, So. Leyte

Guardian:

Guardians Address:

### ENTRANCE CREDENTIALS TO COLLEGE

Name and Address of School

F137-A: Cristo Rey High School  
St. Bernard, So. Leyte

T.C.

TOR

PERMIT

### OTHER UPDATED INFORMATION:

Graduated on April 6, 2000 with the degree of Bachelor of Science in Agricultural Engineering (BSAE), as per VISCA Board of Trustees Resolution No. 16, S. 2000, dated March 13, 2000.

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Documentary Stamp Paid

Amount: P 15.00

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LINDA N. MARISCAL  
University Registrar





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930449 LEORNA, Nilo L. BS in Agric'l. Engineering  
FIRST SEMESTER, SY 1993-1994 Grade Re-Exam Credits

CHEM 11	GENERAL CHEMISTRY I	2.00	4
ENGL 11	COMMUNICATION SKILLS I	2.00	4
MATH 10	BASIC COLLEGE MATHEMATICS	2.50	3
PI 11	PHIL. HISTORY CONSTITUTION & RIZAL	2.00	3
PSYC 11	GENERAL PSYCHOLOGY	2.25	3
SOSEC 13	SOCIO-ECONOMIC SYSTEMS	2.25	3
PHYED11	PHYSICAL FITNESS AND GYMNASIICS	1.75	(2.00)
ROTC 11	FIRST YEAR BASIC COURSE	2.75	(1.5)
NCEE SCORE: 76 (19)			

930449 LEORNA, Nilo L. BS in Agric'l. Engineering  
SECOND SEMESTER, SY 1993-1994 Completion Grade Grade Credits

BIO 11	GENERAL BIOLOGY	2.25	4
CHEM 21	GENERAL CHEMISTRY II	2.50	4
ENGL 12	COMMUNICATION SKILLS II	2.25	3
MATH 11	COLLEGE ALGEBRA	1.75	3
PHILO12	CONTEMPORARY PHILOSOPHICAL THOUGHTS	3.00	3
SOCI 11	GENERAL SOCIOLOGY	2.25	3
PHYED12	RECREATIONAL GAMES AND RHYTHMIC ACT.	1.25	3
ROTC 12	FIRST YEAR BASIC COURSE	Inc.	2.25 1.5

930449 LEORNA, Nilo L. BS in Agric'l. Engineering  
SUMMER 1994 Final G R A D E Compln. Credits

MATH 22	PLANE TRIGONOMETRY	3.00	3
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930449 LEORNA, Nilo L. BS in Agric'l. Engineering  
FIRST SEMESTER, SY 1994-1995 Final G R A D E Compln. Credits

AGRO 21	FUNDAMENTALS OF CROP PRODUCTION.	1.75	3
ENGL 15	ADVANCED GRAMMAR AND COMPOSITION.	1.50	3
HUM 11	INTRODUCTION TO HUMANITIES	2.75	3
MATH 23	ANALYTIC GEOMETRY	2.50	3
PHYS 11	GENERAL PHYSICS	Inc.	2.00 4
STAT 21	ELEMENTARY STATISTICS	2.50	2
PHYED13	TEAM SPORTS	2.25	2
ROTC 21	SECOND YEAR BASIC COURSE	3.00	1.5

930449 LEORNA, Nilo L. BS in Agric'l. Engineering  
SECOND SEMESTER, SY 1994-1995 Final G R A D E Compln. Credits

AE 121	ENGINEERING GRAPHICS	2.50	3
AE 128	S T A T I C S	2.25	3
AS 22	PRIN. OF ANIMAL PRODUCTION	Inc.	-
MATH122	DIFFERENTIAL CALCULUS	2.00	4
PHYS 21	COLLEGE PHYSICS	2.50	3
SPCH 11	SPEECH COMMUNICATION	Inc.	2.75 3
PHYED14	INDIVIDUAL-DUAL SPORTS	2.00	2
ROTC 22	SECOND YEAR BASIC COURSE	2.25	1.5

Grading System: 1.00 Excellent; 1.25 Highly Outstanding; 1.50 Outstanding; 1.75 Very Good; 2.00 Good; 2.25 Very Satisfactory; 2.50 Satisfactory; 2.75 Fair; 3.00 Passing; 5.00 Failure, Incomplete; Dropped; Audit; Satisfactory; Unsatisfactory; In Progress

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LINDA N. MARISCAL  
University Registrar





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930449 LEORNA		, Nilo L.		BS in Agric'l. Engineering 3	
		FIRST SEMESTER, SY 1995-1996		G	R A D E
				Final	Compln. Credits
AE 123	FUNDAMENTALS OF SURVEYING			Inc.	2.25 3
AE 131	D Y N A M I C G			2.25	3
AE 137	STRENGTH OF MATERIALS			3.00	3
CS 131	INTRO. TO COMPUTER PROGRAMMING			2.75	3
ECON 21	FARM MANAGEMENT			Inc.	2.25 3
ENGL 26	ARGUMENTATION AND DEBATE			2.75	3
MATH123	INTEGRAL CALCULUS			1.75	3

930449 LEORNA		, Nilo L.		BS in Agric'l. Engineering 3	
		SECOND SEMESTER, SY 1995-1996		G	R A D E
				Final	Compln. Credits
AE 122	FARM SHOP PRACTICES I			Inc.	- -
AE 132	K I N E M A T I C S			Inc.	1.25 3
AE 134	FLUID MECHANICS			Inc.	2.75 3
AE 136	THERMODYNAMICS			Inc.	2.75 3
AE 138	ENGINEERING MATERIALS			Inc.	3.00 3
MATH141	DIFFERENTIAL EQUATIONS			Inc.	- -
SS 22	FUNDAMENTALS OF SOIL SCIENCE			Inc.	2.25 3

930449 LEORNA		, Nilo L.		BS in Agric'l. Engineering 4	
		FIRST SEMESTER, SY 1996-1997		Grade	Credits
AE 126	ELECTRONIC & ELECTRICAL ENGINEERING			Inc.	1.75 3
AE 133	FARM SHOP PRACTICES II			2.25	3
AE 141	THEORY OF STRUCTURES			3.00	3
AE 143	HEAT TRANSFER			Inc.	2.00 3
AE 145	HYDROMETEOROLOGY			Inc.	3.00 3
AE 147	MACHINE DESIGN			Inc.	2.25 3
ENGL 24	WRITING THE SCIENTIFIC PAPER			Inc.	2.00 3

930449 LEORNA		, Nilo L.		BS in Agric'l. Engineering 4	
		SECOND SEMESTER, SY 1996-1997		Grade	Credits
AE 135	RURAL ELECTRIFICATION			Inc.	2.50 3
AE 142	AGRICULTURAL STRUCTURES			Inc.	3.00 3
AE 144	FARM-POWER			Inc.	3.00 3
AE 146	WATER MANAGEMENT ENGINEERING			Inc.	2.50 3
AE 148	AGRIC'L. MACHINERY & EQUIPMENT MGT.			2.75	3
PPRT 21	PRINCIPLES OF PLANT PROTECTION			Inc.	2.75 3
SCSC 14	PHIL.SOC.PROBS., LAND REFORM & TAXN			2.00	3

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Grading System: 1.00 Excellent; 1.25 Highly Outstanding; 1.50 Outstanding; 1.75 Very Good; 2.00 Good; 2.25 Very Satisfactory; 2.50 Satisfactory; 2.75 Fair; 3.00 Passing; 5.00 Failure; INC Incomplete; DR Dropped; Audit, S Satisfactory; US Un satisfactory, In Progress

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University Registrar





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**930449 LEORNA**, Nilo L. **BS in Agric'l. Engineering 5**  
**FIRST SEMESTER, SY 1997-1998**

AE	Grade	Credits
139 ENGINEERING ECONOMY	2.00	3
151 REFRIGERATION ENGINEERING	Inc.	2.75
153 ENVIRONMENTAL CONTROL ENG'G	Inc.	3.00
155 SOIL & WATER CONSERVATION ENG'G	2.50	3
159 CROP PROCESSING	Inc.	3.00
198 RESEARCH PLANN. & MANUSCRIPT PREP'N	Inc.	2.75
200 UNDERGRADUATE THESIS	S	In Progress
195.1 PRACTICUM IN RURAL ELECTRIFICATION	Inc.	2.75

**930449 LEORNA**, Nilo L. **BS in Agric'l. Engineering 5**  
**SECOND SEMESTER, SY 1997-1998**

AE	Grade	Credits
122 FARM SHOP PRACTICES I	2.75	3
152 ENG'G. SPECIFICATIONS & CONTRACT	Inc.	2.75
199 UNDERGRADUATE SEMINAR	Inc.	2.00
200 UNDERGRADUATE THESIS	S	In Progress
195.2 PRACTICUM IN SOIL AND WATER MGT.	Inc.	3.00
195.3 PRACTICUM IN FARM MACH. & CROP PROC	2.50	3
AS 22 PRIN. OF ANIMAL PRODUCTION	2.50	2
FP 121 FUNDAMENTALS OF FARMING SYSTEMS	2.75	3

**930449 LEORNA**, Nilo L. **BS in Agric'l. Engineering 5**  
**FIRST SEMESTER, SY 1998-1999**

AE	Grade	Credits
200 UNDERGRADUATE THESIS	S	In Progress

**930449 LEORNA**, Nilo L. **BS in Agric'l. Engineering 5**  
**SECOND SEMESTER, SY 1998-1999**

AE	Grade	Credits
200A FIELD PRACTICE	S	In Progress

**930449 LEORNA**, Nilo L. **BS in Agric'l. Engineering 5**  
**FIRST SEMESTER, SY 1999-2000**

AE	Grade	Credits
200 UNDERGRADUATE THESIS	S	In Progress

**930449 LEORNA**, NILO L. **BS in Agric'l. Engineering 5**  
**SECOND SEMESTER, SY 1999-2000**

AE	Grade	Credits
200 UNDERGRADUATE THESIS	1.75	6
MATH141 DIFFERENTIAL EQUATIONS	2.75	3

Graduated on April 6, 2000 with the degree of Bachelor of Science in Agricultural Engineering (BSAE) as per VISCA Board of Trustees Resolution No. 16, S. 2000 dated March 13, 2000

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**Grading System:** 1.00 Excellent; 1.25 Highly Outstanding; 1.50; Outstanding; 1.75 Very Good; 2.00 Good; 2.25 Very Satisfactory; 2.50 Satisfactory; 2.75 Fair; 3.00 Passing; 5.00 Failure, Incomplete; Dropped; Audit; Satisfactory; Unsatisfactory; In Progress

### FOR EMPLOYMENT

**JUL 25 2011**

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Page 4 of 4 pages

*[Signature]*  
**LINDA N. MARISCAL**  
 University Registrar