

Visayas State University

MAIN CAMPUS

Alabuhay!

Greetings!

Ipinabatid sa lahat na ang Dupon ng mga Rehente at sa rekomendasyon ng
Be it known to all that the Board of Regents and upon the recommendation of
Akademikong Konseho ng Unibersidad ay naggawad kay
the University Academic Council has conferred upon

Jucel Marie T. Guatlo

ng titulong
the degree of

Bachelor of Science in Agricultural Engineering

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

Bilang pagpapatunay, nakatatag 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 hereunto

Ipinaghalok sa VSU, Visca, Lungsod ng Baybay, Leyte, Pilipinas ngayong ikalabing-apat

Given at VSU, Visca, City of Baybay, Leyte, Philippines this 14th day

ng Hunyo sa taon ng ating Panginoon, Dalawang Libo at Labingpito.

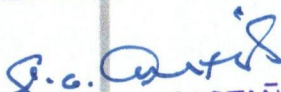
of June in the year of our Lord, Two Thousand and Seventeen.




DANIEL M. TUDTUD, JR.
Secretary of the University


EDGARDO E. TULIN
President of the VSU System

VISAYAS STATE UNIVERSITY
Visca, Baybay City, Leyte
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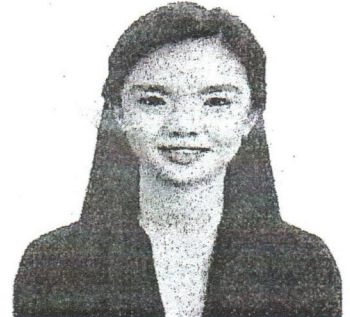

MARWEN A. CASTAÑEDA
University Registrar



OFFICIAL TRANSCRIPT OF RECORDS

PERSONAL DATA

Student Name : Guatlo, Jucel Marie Torrevillas
Student Number : 12-1-00204
Date of Birth : May 27, 1996
Place of Birth : Pasig City
Sex : Female
Religion : Roman Catholic
Citizenship : Filipino
Parent/Spouse : Manuel C. Guatlo, Jr.
Address : 119 Rizal St., Ormoc City, Leyte
Tel. No./Cell. No. : 09156262245/jmarieguatlo@gmail.com
Guardian :
Address/Cell. No. :



PRELIMINARY EDUCATION

Elementary : Ormoc City SPED Center Year : 2008
Ormoc City, Leyte
High School : New Ormoc City National High School Year : 2012
Ormoc City, Leyte
Entrance Credential : Form 138-A
New Ormoc City National High School
Ormoc City, 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 18 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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ELIEZER L. VELASCO
University Registrar



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(Formerly Visayas State College of Agriculture and Leyte State University)
Main Campus
Visca, Baybay City, Leyte 6521-4
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

12-1-00204 : Guatlo, Jucel Marie Torrevillas

Bachelor of Science in Agricultural Engineering (BSAE)

Course No.	Descriptive Title	Grade	Credit
First Semester, SY 2012-2013			
Chem 11	GENERAL CHEMISTRY I	1.25	4.0
Econ 11	GENERAL ECONOMICS WITH LAND REFORM & TAXATION	1.50	3.0
Engl 11	STUDY and THINKING SKILLS	1.25	3.0
Math 13	COLLEGE ALGEBRA AND TRIGONOMETRY	1.25	5.0
Psyc 11	GENERAL PSYCHOLOGY	1.25	3.0
PhyEd 11	PHYSICAL FITNESS AND GYMNASTICS	1.25	2.0
NSTP 11c	CIVIC WELFARE TRAINING SERVICE (CWTS)	1.75	3.0
Second Semester, SY 2012-2013			
Biol 11	GENERAL BIOLOGY	1.50	4.0
Chem 21	GENERAL CHEMISTRY II	2.00	3.0
Engl 12	WRITING IN THE DISCIPLINE	1.25	3.0
Math 112	ANALYTIC GEOMETRY & CALCULUS I	2.75	5.0
ScSc 15	PHILIPPINE HISTORY, GOVERNMENT & CONSTITUTION	1.25	3.0
Soci 11	GENERAL SOCIOLOGY	1.50	3.0
PhyEd 12	RECREATIONAL GAMES, RHYTHMIC ACTIVITIES & DANCE	1.50	2.0
NSTP 12c	CIVIC WELFARE TRAINING SERVICE (CWTS)	2.50	3.0
First Semester, SY 2013-2014			
Agro 21	FUNDAMENTALS OF CROP PRODUCTION	1.50	3.0
AnSc 22	PRINCIPLES OF ANIMAL PRODUCTION	1.75	3.0
Huma 11	INTRODUCTION TO HUMANITIES	1.75	3.0
Math 113	ANALYTICAL GEOMETRY AND CALCULUS II	2.75	5.0
Phys 11	GENERAL PHYSICS	1.75	4.0
Spch 11	SPEECH COMMUNICATION	1.00	3.0
PhEd 13	TEAM SPORTS	1.75	2.0
Second Semester, SY 2013-2014			
CSci 21	INFORMATION&COMM TECH. CONCEPTS&SKILLS	1.25	3.0
ESci 122	ENGINEERING GRAPHICS I	1.75	3.0
Math 114	CALCULUS III & DIFF. EQUATIONS	INC	3.00 5.0
Phil 11	INTRODUCTION TO PHILOSOPHY AND ETHICS	1.50	3.0
Phys 21	COLLEGE PHYSICS	2.25	3.0
Soil 22o	FUNDAMENTALS OF SOIL SCIENCE	1.75	3.0
PhyEd 14	INDIVIDUAL-DUAL SPORTS	1.75	2.0
First Semester, SY 2014-2015			
AEEng 135	FUNDAMENTALS OF SURVEYING	2.00	3.0
CS 134	PRINCIPLES OF COMPUTER PROGRAMMING	2.25	3.0
ESci 131	ENGINEERING GRAPHICS 2 (AUTOCAD)	2.00	2.0
ESci 133	ENGINEERING MECHANICS	2.50	5.0
ESci 137	ENGINEERING MATERIALS	2.25	3.0
ScSc 16	LIFE AND WORKS OF RIZAL	1.25	3.0

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Bachelor of Science in Agricultural Engineering (BSAE)

Course No.	Descriptive Title	Grade	Credit
Second Semester, SY 2014-2015			
AEng 153	AGRICULTURAL MACHINERY DESIGN	2.00	3.0
ESci 134	FLUID MECHANICS	2.00	4.0
ESci 136	THERMODYNAMICS AND HEAT TRANSFER	INC 2.75	5.0
ESci 142	STRENGTH OF MATERIALS	2.00	3.0
ESci 156	OPERATIONS RESEARCH	1.75	3.0
ScSc 24	POLITICS AND GOVERNANCE (with Philippine Constitution)	1.25	3.0
Stat 21	ELEMENTARY STATISTICS	1.75	3.0
First Semester, SY 2015-2016			
AEng 151	STRUCTURAL DESIGN	1.75	3.0
AEng 155	HYDROMETEOROLOGY	1.25	3.0
AEng 157	WATER MANAGEMENT ENGINEERING	1.25	3.0
AEng 159	AGRICULTURAL POWER	2.75	3.0
AEng 161	AGRICULTURAL PROCESSING AND HANDLING	1.50	3.0
AEng 162	AGRICULTURAL MACHINERY & EQUIPMENT	1.00	3.0
AEng 198	RESEARCH PLANN. & MANUSCRIPT PREPARATION	1.50	3.0
Second Semester, SY 2015-2016			
AEng 152	AGRICULTURAL STRUCTURES	2.00	3.0
AEng 156	ENVIRONMENTAL CONTROL ENGINEERING	2.50	3.0
AEng 158	SOIL & WATER CONSERVATION ENG'G.	1.00	3.0
AEng 164	FOREST PRODUCTS ENGINEERING	1.00	3.0
AEng 200	UNDERGRADUATE THESIS	S	In Progress
Engl 21	INTRODUCTION TO LITERATURE	1.25	3.0
ESci 154	ELECTRONICS & INSTRUMENTATION	1.75	3.0
Summer 2016			
AEng 200	UNDERGRADUATE THESIS	S	In Progress
First Semester, SY 2016-2017			
AEng 132	SHOP PRACTICE	INC 1.75	3.0
AEng 171	RURAL ELECTRIFICATION	1.75	3.0
AEng 173	REFRIGERATION AND AIR CONDITIONING	1.75	3.0
AEng 175	AQUACULTURE ENGINEERING	2.50	3.0
AEng 200	UNDERGRADUATE THESIS	S	In Progress
Fili 11	KOMUNIKASYON SA AKADEMIKONG FILIPINO	1.00	3.0
Mgmt 20	INTRODUCTION TO AGRI-BUSINESS	1.50	3.0
Second Semester, SY 2016-2017			
AEng 184	ENG'G. SPECIFICATIONS, CONTRACTS & ETHICS	1.50	1.0
AEng 199	UNDERGRADUATE SEMINAR	1.25	1.0
AEng 200	UNDERGRADUATE THESIS	1.25	6.0
ESci 182	ENGINEERING ECONOMY	2.25	3.0
Fili 12	PAGBASA AT PAGSULAT TUNGO SA PANANALIKSIK	1.25	3.0

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12-1-00204 : Guatlo, Jucel Marie Torrevillas
Bachelor of Science in Agricultural Engineering (BSAE)

Course No.	Descriptive Title	Grade	Credit
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THESIS :

"MODELLING THE DRYING CHARACTERISTICS OF WATER LETTUCE (*Pistia stratiotes*) AND EXTRACTION OF ITS BIO-OIL AS POTENTIAL RAW MATERIALS FOR BIODIESEL PRODUCTION,"

Graduated on June 14, 2017 with the degree of Bachelor of Science in Agricultural Engineering (BSAE) as per VSU Board of Regents Resolution No. 17, s.2017 dated April 27, 2017.

< any entry below this line is null and void >

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MARWEN A. CASTAÑEDA
University Registrar

Doc. Stamp Paid P15.00

REMARKS : _____

DATE ISSUED: April 11, 2018

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ELIEZER L. VELASCO
University Registrar