

# University of San Carlos



Cebu City, Philippines

*To all whom these presents shall come*

**Greetings**

*Be it known that*

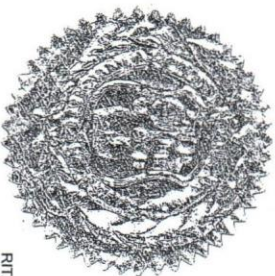
**Jeffrey Migo Floreto Ugandbe**

*having satisfactorily completed the prescribed Curriculum, in accordance with the recommendation of the Faculty, the approval of the Board of Trustees and by Authority of the Government of the Philippines, has this day been granted the degree of*

**Master of Arts in Science Education**

*with all the Rights and Privileges thereto appertaining. In testimony whereof are hereunto affixed the Corporate Seal of the University and the Signatures of the President, the Vice President for Academic Affairs, and the Dean.*

*Given at Cebu City, Philippines, this 24th day of October 2015.*



RITA MAY P. MAGALOG, EGD-ISM

Dean

FR. DIONISIO M. MIRANDA, SVD, MA, STD

President

FR. ANTHONY S. SALAS, SVD, MM

Vice-President for Academic Affairs

**CERTIFIED PHOTOCOPY OF THE ORIGINAL.**

**TERESITA L. QUIÑANOLA**  
SUPERVISING ADMINISTRATIVE OFFICER





# UNIVERSITY OF SAN CARLOS

## Office of the Registrar

Nasipit, Talamban, 6000 Cebu City, Philippines  
Tel. No. (63 32) 230-0100 local 330, 332, 343, 344



ACCREDITED: Charter Member Philippine  
Accrediting Association of  
Schools, Colleges and  
Universities (PAASCU)

SCHOOL CODE: 7078

## CERTIFICATION

November 19, 2015

### TO WHOM IT MAY CONCERN:

THIS IS TO CERTIFY that **MR. JEFFREY LLOYD LORETO CAGANDE** graduated from the Graduate Program in Science Education of this University with the degree of **MASTER OF ARTS IN SCIENCE EDUCATION MAJOR IN PHYSICS** on **October 24, 2015**.

THIS IS TO CERTIFY FURTHER that he/she is exempted from the requirement of Special Order, having graduated from the degree program which is accredited by the Philippine Accrediting Association of Schools, Colleges, and Universities (PAASCU) of which the University of San Carlos is a charter member.

THIS IS TO CERTIFY FURTHERMORE that the exemption from the issuance of Special Order granted to PAASCU ACCREDITED course of study is mandated by the Batas Pambansa Blg. 232, otherwise known as the Education Act of 1982, as implemented by DECS Order No. 93, s. 1992 dated April 17, 1992, and revised by CHED Order No. 31, s. 1995 dated September 25, 1995.

THIS IS TO CERTIFY FINALLY that the University of San Carlos has been granted autonomous and deregulated status by the Commission on Higher Education, as per CHED Memorandum Order No. 44, s. 2008 until March 31, 2014 and extended until December 31, 2015 as per CHED Memorandum Order No. 21, s. 2015.

THIS certification is issued for **evaluation**.

**ROMEO E. YAP**  
University Registrar

Not valid without  
official USC seal  
/allen

CERTIFIED PHOTOCOPY OF THE ORIGINAL

**TERESITA L. QUINOLA**  
SUPERVISING ADMINISTRATIVE OFFICER





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## OFFICIAL TRANSCRIPT OF RECORDS

Page 1

### PERSONAL DATA

Student Name : CAGANDE, JEFFREY LLOYD LORETO

ID Number : 13400004

Birthdate : March 19, 1981

Birthplace : BAYBAY CITY, LEYTE

Gender : MALE

Religion : ROMAN CATHOLIC

Citizenship : FILIPINO

Parent/Spouse : SILVESTRE B. CAGANDE

Address : 304 ML QUEZON ST. ZONE 11 BAYBAY LEYTE PHILIPPINES

Tel no. : 053-5639143

### PRELIMINARY EDUCATION

Elementary : VISCA FOUNDATION ELEMENTARY SCHOOL

Year : 1994

Secondary : VISCA LABORATORY HIGH SCHOOL-LEYTE

Year : 1998

### GRADING SYSTEM

GRADE	EQUIVALENT	INDICATION
1.0	A+	100-95% Excellent
1.1-1.5	A - A-	94-90% Very Good
1.6-2.5	A - B-	89-80% Good
2.6-3.0	C+ - C	79-75% Fair
5.0	C-	74 Failure
INC	"Incomplete"	
NC	"No Credit"	
W	"Withdrawal with official notice"	
IP	In Progress	
P	Passed	

One collegiate unit of credit is one hour lecture or recitation each week or total of 18 hours in a semester. Three hours 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 grade 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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University Registrar

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Page 2

Student Name : **CAGANDE, JEFFREY LLOYD LORETO**

### FIRST SEMESTER 2013-2014

Course	Title	Grade	Unit/s
SCED 200N	SCIENCE /MATHEMATICS EDUCATION AND CURRICULUM ISSUES IN THE PHILIPPINES	1.4	3.0
SCED 206SN	EVALUATION AND ASSESSMENT IN SCIENCE	1.7	3.0
P 233.1NT	MATHEMATICAL METHODS IN PHYSICS 1	1.0	3.0
PHYS 233.0	CLASSICAL MECHANICS	1.2	3.0

### SECOND SEMESTER 2013-2014

SCED 201N	INSTRUCTIONAL PRACTICE AND MATERIALS DEVELOPMENT IN SCIENCE/MATHEMATICS EDUCATION	1.5	3.0
PHYS 220E	ELECTRODYNAMICS	1.5	3.0
PHYS 245E	THERMODYNAMICS WITH STATISTICAL PHYSICS	1.2	3.0
EDUC 298N	RESEARCH METHODOLOGY IN EDUCATION	1.4	3.0

### SUMMER 2014

SCED 202	LEADERSHIP AND SUPERVISION IN SCIENCE/MATHEMATICS EDUCATION	1.5	3.0
PHYS 201	HISTORY OF PHYSICS	1.6	3.0
P 233.11NT	MODERN PHYSICS	1.8	4.0

### FIRST SEMESTER 2014-2015

SCED 299A	RESEARCH PROPOSAL	IP	
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### SECOND SEMESTER 2014-2015

SCED 299B	RESEARCH PAPER	IP	
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University Registrar

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Page 3

Student Name : **CAGANDE, JEFFREY LLOYD LORETO**

SUMMER 2015

Course

Title

Grade

Unit/s

SCED 299B

RESEARCH PAPER

P

FIRST SEMESTER 2015-2016

COED RES

COED RESIDENCY

P

Graduated

MASTER OF ARTS IN SCIENCE EDUCATION-PHYSICS (WITH THESIS)

Date Graduated

October 24, 2015

Research/Thesis

"THE EFFECT OF USING FLIPPED CLASSROOM MODEL ON COLLEGE PHYSICS  
STUDENTS' MOTIVATION AND UNDERSTANDING OF KINEMATICS GRAPHS"

/Dissertation

Date Issued

November 19, 2015

Purpose

FOR EVALUATION

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ROMEO E. YAP

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  
Philippines

Website : [www.vsu.edu.ph](http://www.vsu.edu.ph)  
Email : [registrar@vsu.edu.ph](mailto:registrar@vsu.edu.ph)  
Tel. No. : +63 53 335 2601  
+63 53 335 2644

### OFFICIAL TRANSCRIPT OF RECORDS

**Student Name** : CAGANDE, JEFFREY LLOYD LORETO  
**Student Number** : 98-0-00529  
**Date of Birth** : March 19, 1981  
**Place of Birth** : Baybay, Leyte  
**Sex** : Male  
**Religion** : Roman Catholic  
**Citizenship** : Filipino  
**ACR No.** :  
**Parents/Spouse** : Mr. & Mrs. Silvestre Cagande  
**Address** : Visca, Baybay City, Leyte



#### PRELIMINARY EDUCATION

**Elementary** : Visca Foundation Elem. School Year 1994  
Visca, Baybay, Leyte  
**High School** : Visca Laboratory High School Year 1998  
Visca, Baybay, Leyte  
**Tertiary** : Leyte State University now Visayas State University Year 2002  
Visca, Baybay, Leyte  
T.O.R.

#### Entrance Credential

Leyte State University now Visayas State University  
Visca, Baybay, Leyte

#### GRADING SYSTEM

RATING	EQUIVALENT	QUALITY
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		Dep - Dropped
AUC - 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 semester average grade 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 4 pages

ELIEZER L. VELASCO  
OIC University Registrar

UNIVERSITY OF SAN CARLOS  
Cebu City, Philippines

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DOCUMENTS

ROMEO E. YAP  
University Registrar

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Philippines

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Email: [registrar@vsu.edu.ph](mailto:registrar@vsu.edu.ph)  
Tel. Fax: +63 53 335 2641  
+63 53 335 2644

### OFFICIAL TRANSCRIPT OF RECORDS

98000529 Cagande, Jeffrey Lloyd B.S. in Agriculture Engineering (BSAE)

CHECKS OF NO. CAR. DESCRIPTIVE TITLE COURSE NO. FINAL GRADE CREDITS

#### FIRST SEMESTER, 1998-1999

CHEM 11	GENERAL CHEMISTRY I	1.25	1.25	3
ENGL 11	COMMUNICATION SKILLS I	1.25	1.25	3
MATH 11	COLLEGE ALGEBRA	1.50	1.50	3
PHIL 11	PHIL. HISTORY, CONSTITUTION & RIZAL	1.50	1.50	3
PSYC 11	GENERAL PSYCHOLOGY	1.00	1.00	3
SCSO 13	SOCIO-ECONOMIC SYSTEMS	1.00	1.00	3
PHYED 11	PHYSICAL FITNESS AND GYMNASIACS	1.00	1.00	2
ROTC 11	FIRST YEAR BASIC COURSE	1.50	1.50	1.5
SECOND SEMESTER, 1998-1999				
BIO 11	GENERAL BIOLOGY	1.25	1.25	3
CHEM 21	GENERAL CHEMISTRY II	1.50	1.50	3
ENGL 12	COMMUNICATION SKILLS II	1.25	1.25	3
MATH 22	PLANE TRIGONOMETRY	1.75	1.75	3
PHILO 12	CONTEMPORARY PHILOSOPHICAL THOUGHTS	1.50	1.50	3
SOCI 11	GENERAL SOCIOLOGY	2.00	2.00	3
PHYED 12	REC. GAMES, RHYTHMIC ACT. and DANCE	1.00	1.00	2
ROTC 12	FIRST YEAR BASIC COURSE	2.50	2.50	1.5
FIRST SEMESTER, 1999-2000				
AGRO 21	FUNDAMENTALS OF CROP PRODUCTION	1.75	1.75	3
ENGL 15	ADVANCED GRAMMAR AND COMPOSITION	1.25	1.25	3
HUM 11	INTRODUCTION TO HUMANITIES	1.50	1.50	3
MATH 23	ANALYTIC GEOMETRY	1.25	1.25	3
PHYS 11	GENERAL PHYSICS	2.00	2.00	4
STAT 21	ELEMENTARY STATISTICS	1.75	1.75	3
PHYED 13	TEAM SPORTS	1.00	1.00	2
ROTC 21	SECOND YEAR BASIC COURSE	1.50	1.50	1.5
SECOND SEMESTER, 1999-2000				
AE 121	ENGINEERING GRAPHICS	1.75	1.75	3
AE 128	S T A T I S T I C S	2.00	2.00	3
AS 222	PRIN. OF ANIMAL PRODUCTION	2.00	2.00	3
MATH 22	DIFFERENTIAL CALCULUS	3.00	3.00	4
PHYS 21	COLLEGE PHYSICS	1.50	1.50	3
SPCH 11	SPEECH COMMUNICATION	1.00	1.00	3
PHYED 14	INDIVIDUAL/DUAL SPORTS	1.50	1.50	2
ROTC 22	SECOND YEAR BASIC COURSE	1.50	1.50	1.5
FIRST SEMESTER, 2000-2001				
AE 123	FUNDAMENTALS OF SURVEYING	Inc.	3.00	3
AE 131	D Y N A M I C S	5.00	5.00	None
AE 137	STRENGTH OF MATERIALS	2.50	2.50	3
CSO 131	INTRO. TO COMPUTER PROGRAMMING	1.50	1.50	3
ECOS 21	FARM MANAGEMENT	2.25	2.25	3
ENGL 26	ARGUMENTATION AND DEBATE	1.75	1.75	3
MATH 23	INTEGRAL CALCULUS	Inc.	3.00	4
SECOND SEMESTER, 2000-2001				
AE 122	FARM SHOP PRACTICES I	Inc.	2.00	3
AE 131	D Y N A M I C S	2.50	2.50	3
AE 132	K I N E M A T I C S	2.75	2.75	3
AE 134	FLUID MECHANICS	Inc.	2.00	3
AE 136	THERMODYNAMICS	2.75	2.75	3

AE 123	FUNDAMENTALS OF SURVEYING	Inc.	3.00	3
AE 131	D Y N A M I C S	5.00	5.00	None
AE 137	STRENGTH OF MATERIALS	2.50	2.50	3
CSO 131	INTRO. TO COMPUTER PROGRAMMING	1.50	1.50	3
ECOS 21	FARM MANAGEMENT	2.25	2.25	3
ENGL 26	ARGUMENTATION AND DEBATE	1.75	1.75	3
MATH 23	INTEGRAL CALCULUS	Inc.	3.00	4

AE 122	FARM SHOP PRACTICES I	Inc.	2.00	3
AE 131	D Y N A M I C S	2.50	2.50	3
AE 132	K I N E M A T I C S	2.75	2.75	3
AE 134	FLUID MECHANICS	Inc.	2.00	3
AE 136	THERMODYNAMICS	2.75	2.75	3

AE 123	FUNDAMENTALS OF SURVEYING	Inc.	3.00	3
AE 131	D Y N A M I C S	5.00	5.00	None
AE 137	STRENGTH OF MATERIALS	2.50	2.50	3
CSO 131	INTRO. TO COMPUTER PROGRAMMING	1.50	1.50	3
ECOS 21	FARM MANAGEMENT	2.25	2.25	3
ENGL 26	ARGUMENTATION AND DEBATE	1.75	1.75	3
MATH 23	INTEGRAL CALCULUS	Inc.	3.00	4

AE 122	FARM SHOP PRACTICES I	Inc.	2.00	3
AE 131	D Y N A M I C S	2.50	2.50	3
AE 132	K I N E M A T I C S	2.75	2.75	3
AE 134	FLUID MECHANICS	Inc.	2.00	3
AE 136	THERMODYNAMICS	2.75	2.75	3

AE 123	FUNDAMENTALS OF SURVEYING	Inc.	3.00	3
AE 131	D Y N A M I C S	5.00	5.00	None
AE 137	STRENGTH OF MATERIALS	2.50	2.50	3
CSO 131	INTRO. TO COMPUTER PROGRAMMING	1.50	1.50	3
ECOS 21	FARM MANAGEMENT	2.25	2.25	3
ENGL 26	ARGUMENTATION AND DEBATE	1.75	1.75	3
MATH 23	INTEGRAL CALCULUS	Inc.	3.00	4

AE 122	FARM SHOP PRACTICES I	Inc.	2.00	3
AE 131	D Y N A M I C S	2.50	2.50	3
AE 132	K I N E M A T I C S	2.75	2.75	3
AE 134	FLUID MECHANICS	Inc.	2.00	3
AE 136	THERMODYNAMICS	2.75	2.75	3

AE 123	FUNDAMENTALS OF SURVEYING	Inc.	3.00	3
AE 131	D Y N A M I C S	5.00	5.00	None
AE 137	STRENGTH OF MATERIALS	2.50	2.50	3
CSO 131	INTRO. TO COMPUTER PROGRAMMING	1.50	1.50	3
ECOS 21	FARM MANAGEMENT	2.25	2.25	3
ENGL 26	ARGUMENTATION AND DEBATE	1.75	1.75	3
MATH 23	INTEGRAL CALCULUS	Inc.	3.00	4

AE 122	FARM SHOP PRACTICES I	Inc.	2.00	3
AE 131	D Y N A M I C S	2.50	2.50	3
AE 132	K I N E M A T I C S	2.75	2.75	3
AE 134	FLUID MECHANICS	Inc.	2.00	3
AE 136	THERMODYNAMICS	2.75	2.75	3

AE 123	FUNDAMENTALS OF SURVEYING	Inc.	3.00	3
AE 131	D Y N A M I C S	5.00	5.00	None
AE 137	STRENGTH OF MATERIALS	2.50	2.50	3
CSO 131	INTRO. TO COMPUTER PROGRAMMING	1.50	1.50	3
ECOS 21	FARM MANAGEMENT	2.25	2.25	3
ENGL 26	ARGUMENTATION AND DEBATE	1.75	1.75	3
MATH 23	INTEGRAL CALCULUS	Inc.	3.00	4

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Registrar@vsu.edu.ph  
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+63 53 335 2644

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98000529 Cagande, Jeffrey Lloyd B.S. in Agric'l. Engineering (BSAE)

CRS. NO. DESCRIPTIVE TITLE FINAL GRADE CREDIT

SECOND SEMESTER, 2000-2001

AE 138 ENGINEERING MATERIALS 2.25 3

SS 22 FUNDAMENTALS OF SOIL SCIENCE 2.25 3

FIRST SEMESTER, 2001-2002

AE 126 ELECTRONIC & ELECTRICAL ENGINEERING 2.25 3

AE 133 FARM SHOP PRACTICES II 2.75 3

AE 141 THEORY OF STRUCTURES 2.75 3

AE 143 HEAT TRANSFER 3.00 3

AE 145 HYDROMETEOROLOGY 2.50 3

AE 147 MACHINE DESIGN Inc. 2.25 3

AE 198 RESEARCH PLANN. & MANUSCRIPT PREP'N 2.00 3

SECOND SEMESTER, 2001-2002

AE 135 RURAL ELECTRIFICATION Inc. 2.00 3

AE 142 AGRICULTURAL STRUCTURES 2.25 3

AE 144 FARM POWER Inc. 1.75 3

AE 146 WATER MANAGEMENT ENGINEERING Inc. 3.00 3

AE 148 AGRIC'L. MACHINERY & EQUIPMENT MGT. Inc. 2.50 3

AE 200 UNDERGRADUATE THESIS In Progress

MATH 141 DIFFERENTIAL EQUATIONS Inc. 3.00 3

SCSC 14 PHIL. SOC. PROBS., LAND REFORM & TAXN 1.75 3

FIRST SEMESTER, 2002-2003

AE 139 ENGINEERING ECONOMY Inc. 2.75 3

AE 151 REFRIGERATION ENGINEERING 2.25 3

AE 153 ENVIRONMENTAL CONTROL ENG'G 1.75 3

AE 155 SOIL & WATER CONSERVATION ENG'G Inc. 3.00 3

AE 159 CROP PROCESSING 2.00 3

AE 200 UNDERGRADUATE THESIS In Progress

PR 195.1 PRACTICUM IN RURAL ELECTRIFICATION 1.75 2

PPRT 21 PRINCIPLES OF PLANT PROTECTION Inc. 2.00 3

SECOND SEMESTER, 2002-2003

AE 152 ENG'G SPECIFICATIONS & CONTRACT 2.50 3

AE 199 UNDERGRADUATE SEMINAR 1.50 1

AE 200 UNDERGRADUATE THESIS 1.25 6

FS 121 FUNDAMENTALS OF FARMING SYSTEMS 2.25 2

AE 195.2 PRACTICUM IN SOIL AND WATER MGT. 2.00 2

AE 195.3 PRACTICUM IN FARM MACH. & CROP PROC. 1.75 2

Thesis Title: "DEVELOPMENT, FABRICATION AND EVALUATION OF A NATA DE COCO SLICER"

Graduated on March 31, 2003 with the degree of Bachelor of Science in Agricultural Engineering (BSAE) as per LSU Board of Regents Resolution No. 7, S.O. 2003, dated February 21, 2003.

*(continued on next page)*

Grading System: 1.00 Excellent; 1.25 Highly Outstanding; 1.50 Outstanding; 1.75 Very Good; 2.25 Very Satisfactory; 2.50 Satisfactory; 2.75 Fair; 3.00 Passing; 5.00 Failure; INC Incomplete; Dr. Dropped; S. Satisfactory; US Unsatisfactory.

Audited: Not Valid Without Seal

Page 1 of 4 pages

ELIEZER L. VELASCO

OIC University Registrar

ROMEO YAP

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Tel. No.: +63 33 335 2601  
Fax: +63 33 335 2644

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

98-0-00529-1 Cagande, Jeffrey Lloyd Loreto

Diploma in Land Adm. & Mgt. (DLAM)

Course No.	Descriptive Title	Grade	Credit
CS-132	Second Semester, SY 2003-2004 COMPUTER PROGRAMMING (BASIC)		
STAT206	STAT. METHODS FOR PHYSICAL SCIENCE		
LAMP 211	First Semester, SY 2010-2011 LAND ADMINISTRATION AND MANAGEMENT	1.50	3.0
LAMP 223	LAND TENURE, LAW AND POLICY	2.00	3.0
LAMP 225	LAND ECONOMICS AND EVALUATION	1.75	3.0
LAMP 229	TECHNOLOGIES FOR GEODATA COLLECTION, ANALY. & INTERPRETATION	2.00	3.0
LAMP 299	Second Semester, SY 2010-2011 GRADUATE SEMINAR	INC	1.50
LAMP 231	LAND CONFLICT MANAGEMENT	INC	1.50
LAMP 234	URBAN AND RURAL LAND USE PLANNING	INC	1.50
LAMP 252	LAND RESOURCE MANAGEMENT ACCESS AND BENEFIT SHARING	INC	1.75
RES1001	First Semester, SY 2011-2012 FOR RESIDENCY		
RES1001	Second Semester, SY 2011-2012 FOR RESIDENCY		
Graduated on April 11, 2012 with the degree of Diploma in Land Adm. & Mgt. (DLAM) as per VSU Board of Regents Resolution No. 2, s. 2012 dated March 15, 2012.			

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

Course No.	Descriptive Title	Grade	Credit
Prd 125	Second Semester, SY 2012-2013 PRINCIPLES & METHODS OF TEACHING	1.75	3.0
Prd 128	FACILITATING HUMAN LEARNING	1.75	3.0
Prd 132	CURRICULUM DEVELOPMENT	1.50	3.0

< any entry below this line is null and void >

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DATE ISSUED: June 10, 2013

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ELIEZER L. VELASCO

OIC University Registrar



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TERESITA L. QUINOLA  
SUPERVISING ADMINISTRATIVE OFFICER





# VISAYAS STATE UNIVERSITY

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

## Main Campus

Visca, Baybay City, Leyte 6521-A  
Philippines

TeleFax: +63 53 335 2601

e-mail: opvisca@mozcom.com

website: www.lsu-visca.edu.ph

Reg. Tel. No.: +63 53 335 2644; +63 53 563 7428

### OFFICIAL TRANSCRIPT OF RECORDS

#### PERSONAL DATA

Student Name : CAGANDE, JEFFREY LLOYD LORETO  
Student Number : 98000529  
Date of Birth : March 19, 1981  
Place of Birth : Baybay, Leyte  
Sex : Male  
Religion : Roman Catholic  
Citizenship : Filipino  
ACR No. :  
Parent/Spouse : Silvestre B. Cagande  
Address : VSU, Visca, Baybay City, Leyte  
Tel. No :  
Guardian :  
Address :  
Tel. No. :



#### PRELIMINARY EDUCATION

Elementary : ViSCA Foundation Elementary School Year: 1994  
Visca, Baybay City, Leyte  
High School : ViSCA Laboratory High School Year: 1998  
Visca, Baybay, Leyte

Entrance Credential : Form 138 ViSCA Laboratory High School  
Visca, Baybay, Leyte

#### GRADING SYSTEM

<u>RATING</u>	<u>EQUIVALENT</u>	<u>INDICATION</u>
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 grade 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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### OFFICIAL TRANSCRIPT OF RECORDS

98000529 Cagande , Jeffrey Lloyd L B.S. in Agric'l. Engineering (BSAE)

CRS. NO.	DESCRIPTIVE TITLE	FINAL GRADE	CREDITS
<u>FIRST SEMESTER, 1998-1999</u>			
CHEM 11	GENERAL CHEMISTRY I	1.25	4
ENGL 11	COMMUNICATION SKILLS I	1.25	3
MATH 11	COLLEGE ALGEBRA	1.50	3
PI 11	PHIL. HISTORY CONSTITUTION & RIZAL	1.50	3
PSYC 11	GENERAL PSYCHOLOGY	1.00	3
SCSC 13	SOCIO-ECONOMIC SYSTEMS	1.00	3
PHYED11	PHYSICAL FITNESS AND GYMNASTICS	1.00	2
ROTC 11	FIRST YEAR BASIC COURSE	1.50	1.5
<u>SECOND SEMESTER, 1998-1999</u>			
BIO 11	GENERAL BIOLOGY	1.25	4
CHEM 21	GENERAL CHEMISTRY II	1.50	3
ENGL 12	COMMUNICATION SKILLS II	1.25	3
MATH 22	PLANE TRIGONOMETRY	1.75	3
PHILO12	CONTEMPORARY PHILOSOPHICAL THOUGHTS	1.50	3
SOCI 11	GENERAL SOCIOLOGY	2.00	3
PHYED12	REC.GAMES, RHYTHMIC ACT. and DANCE	1.00	2
ROTC 12	FIRST YEAR BASIC COURSE	2.50	1.5
<u>FIRST SEMESTER, 1999-2000</u>			
AGRO 21	FUNDAMENTALS OF CROP PRODUCTION	1.75	3
ENGL 15	ADVANCED GRAMMAR AND COMPOSITION	1.25	3
HUM 11	INTRODUCTION TO HUMANITIES	1.50	3
MATH 23	ANALYTIC GEOMETRY	1.25	3
PHYS 11	GENERAL PHYSICS	2.00	4
STAT 21	ELEMENTARY STATISTICS	1.75	3
PHYED13	TEAM SPORTS	1.00	2
ROTC 21	SECOND YEAR BASIC COURSE	1.50	1.5
<u>SECOND SEMESTER, 1999-2000</u>			
AE 121	ENGINEERING GRAPHICS	1.75	3
AE 128	S T A T I C S	2.00	3
AS 22	PRIN. OF ANIMAL PRODUCTION	2.00	3
MATH122	DIFFERENTIAL CALCULUS	3.00	4
PHYS 21	COLLEGE PHYSICS	1.50	3
SPCH 11	SPEECH COMMUNICATION	1.00	3
PHYED14	INDIVIDUAL/DUAL SPORTS	1.50	2
ROTC 22	SECOND YEAR BASIC COURSE	1.50	1.5
<u>FIRST SEMESTER, 2000-2001</u>			
AE 123	FUNDAMENTALS OF SURVEYING	Inc.	3.00 3
AE 131	D Y N A M I C S	5.00	None
AE 137	STRENGTH OF MATERIALS	2.50	3
CS 131	INTRO. TO COMPUTER PROGRAMMING	1.50	3
ECON 21	FARM MANAGEMENT	2.25	3
ENGL 26	ARGUMENTATION AND DEBATE	1.75	3
MATH123	INTEGRAL CALCULUS	Inc.	3.00 4
<u>SECOND SEMESTER, 2000-2001</u>			
AE 122	FARM SHOP PRACTICES I	Inc.	2.00 3
AE 131	D Y N A M I C S	2.50	3
AE 132	K I N E M A T I C S	2.75	3
AE 134	FLUID MECHANICS	Inc.	2.00 3
AE 136	THERMODYNAMICS	2.75	3

Grading System: 1.00 Excellent; 1.25 Highly Outstanding; 1.50 Outstanding; 1.75 Very Good; 2.25 Very Satisfactory; 2.50 Satisfactory; 2.75 Fair; 3.00 Passing; 5.00 Failure; INC Incomplete; Dr Dropped S. Satisfactory; US Unsatisfactory; Audit

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University Registrar





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### OFFICIAL TRANSCRIPT OF RECORDS

98000529 Cagande , Jeffrey Lloyd L B.S. in Agric'l. Engineering (BSAE)

CRS. NO.	DESCRIPTIVE TITLE	FINAL GRADE	CREDITS
<u>SECOND SEMESTER, 2000-2001</u>			
AE 138	ENGINEERING MATERIALS	2.25	3
SS 22	FUNDAMENTALS OF SOIL SCIENCE	2.25	3
<u>FIRST SEMESTER, 2001-2002</u>			
AE 126	ELECTRONIC & ELECTRICAL ENGINEERING	2.25	3
AE 133	FARM SHOP PRACTICES II	2.75	3
AE 141	THEORY OF STRUCTURES	2.75	3
AE 143	HEAT TRANSFER	3.00	3
AE 145	HYDROMETEOROLOGY	2.50	3
AE 147	MACHINE DESIGN	Inc. 2.25	3
AE 198	RESEARCH PLANN. & MANUSCRIPT PREP'N	2.00	3
<u>SECOND SEMESTER, 2001-2002</u>			
AE 135	RURAL ELECTRIFICATION	Inc. 2.00	3
AE 142	AGRICULTURAL STRUCTURES	2.25	3
AE 144	FARM POWER	Inc. 1.75	3
AE 146	WATER MANAGEMENT ENGINEERING	Inc. 3.00	3
AE 148	AGRIC'L. MACHINERY & EQUIPMENT MGT.	Inc. 2.50	3
AE 200	UNDERGRADUATE THESIS	In Progress	
MATH141	DIFFERENTIAL EQUATIONS	Inc. 3.00	3
SCSC 14	PHIL.SOC.PROBS., LAND REFORM & TAXN	1.75	3
<u>FIRST SEMESTER, 2002-2003</u>			
AE 139	ENGINEERING ECONOMY	Inc. 2.75	3
AE 151	REFRIGERATION ENGINEERING	2.25	3
AE 153	ENVIRONMENTAL CONTROL ENG'G.	1.75	3
AE 155	SOIL & WATER CONSERVATION ENG'G.	Inc. 3.00	3
AE 159	CROP PROCESSING	2.00	3
AE 200	UNDERGRADUATE THESIS	In Progress	
AE 195.1	PRACTICUM IN RURAL ELECTRIFICATION	1.75	2
PPRT 21	PRINCIPLES OF PLANT PROTECTION	Inc. 2.00	3
<u>SECOND SEMESTER, 2002-2003</u>			
AE 152	ENG'G. SPECIFICATIONS & CONTRACT	2.50	3
AE 199	UNDERGRADUATE SEMINAR	1.50	1
AE 200	UNDERGRADUATE THESIS	1.25	6
FS 121	FUNDAMENTALS OF FARMING SYSTEMS	2.25	3
AE 195.2	PRACTICUM IN SOIL AND WATER MGT.	2.00	2
AE 195.3	PRACTICUM IN FARM MACH. & CROP PROC	1.75	2

Thesis Title: "DEVELOPMENT, FABRICATION AND EVALUATION OF A NATA DE COCO SLICER "

Graduated on March 31, 2003 with the degree of Bachelor of Science in Agricultural Engineering (BSAE) as per LSU Board of Regents Resolution No. 7, S. 2003, dated February 21, 2003.

(ANY ENTRY BELOW THIS LINE IS NULL AND VOID)

Grading System: 1.00 Excellent; 1.25 Highly Outstanding; 1.50 Outstanding; 1.75 Very Good; 2.25 Very Satisfactory; 2.50 Satisfactory; 2.75 Fair; 3.00 Passing; 5.00 Failure; INC Incomplete; Dr Dropped S. Satisfactory; US Unsatisfactory; Audit

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REMARKS : FOR SCHOLARSHIP

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