



University Of The Philippines Diliman  
*Office of the University Registrar*

08 May 2018

This is to certify that

**HANZEL NAVAL MEJIA**

of Conalum, Inopacan, Leyte

graduated from the College of Engineering

University of the Philippines Diliman with the degree(s) of

**MASTER OF SCIENCE IN CIVIL ENGINEERING**

on January 07, 2018.



**MA. THERESA T. PAYONGAYONG, Ph.D.**  
University Registrar

1/25

Phone 981-8500 ext. 4551, 4552, 4553 / 927-6084 \* P.O. Box 161, Diliman, QC 1101  
website: [www.our.upd.edu.ph](http://www.our.upd.edu.ph) \* email: [our@upd.edu.ph](mailto:our@upd.edu.ph)

Admission & Registration ext. 4555, 4556, 4557 / [admission.our@upd.edu.ph](mailto:admission.our@upd.edu.ph) \* CRSRS ext. 4560, 4565 / [crsrsupport@list.upd.edu.ph](mailto:crsrsupport@list.upd.edu.ph)  
Transcript ext. 4561, 4562 / [transcript@upd.edu.ph](mailto:transcript@upd.edu.ph) \* Records ext. 4559, 4563 / [records.our@upd.edu.ph](mailto:records.our@upd.edu.ph)  
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**CERT 14080001-47583**

**CERTIFIED PHOTOCOPY OF THE ORIGINAL**

**TERESITA L. QUIÑANOLA**

ADMINISTRATIVE ASSISTANT



OFFICE OF THE UNIVERSITY REGISTRAR  
OFFICIAL TRANSCRIPT OF RECORDS

Entrance Data:

Date/Semester admitted 2nd Semester, 2015-2016

Category College Graduate

Diploma/Title/Degree B.S. Civil Engineering

High School/College Visayas State University

Date Graduated/Last attended May 9, 2014

NCEE Rating Year Taken

S.O. No.: Date

Name MEJIA, HANZEL NAVAL

Student No. 2015-91171 Sex Male

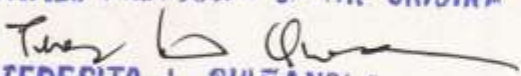
Date & Place of Birth March 24, 1993; Inopacan, Leyte

Father's Name Edwin Mejia

Mother's Name Nelia Naval

Degree/Title/Course:

MASTER OF SCIENCE IN CIVIL ENGINEERING,  
January 07, 2018

COLLEGIATE RECORD		GRADES		CREDITS
COURSE NUMBER	COURSE TITLE	FINAL	Re-exam	
			Completion	
	<p>Records from the University of the Philippines Diliman are on page 2.</p> <p>Entrance credentials show graduation from Visayas State University with the degree of Bachelor of Science in Civil Engineering (BSCE) on May 9, 2014.</p> <p>Certified copies of the official transcript of records from the above school are attached as pages 5, 6, and 7.</p> <p><b>CERTIFIED PHOTOGRAPH OF THE ORIGINAL</b></p> <p> <b>TERESITA L. QUINANO</b> PROVISING ADMINISTRATIVE OFFICER</p>			

Continued on page 2. Transcript guide on page 3 and page 4.

Continued on page 2. Transcript guide on page 3 and page 4.

Initial Checker mlvicente Date 05/08/2018

Final Checker jmbua Date 05/09/2018

Printed By jcadiz Date 05/09/2018

Date Issued MAY 17 2018



MA. THERESA T. PAYONGAYONG, PhD  
University Registrar



OFFICE OF THE UNIVERSITY REGISTRAR  
OFFICIAL TRANSCRIPT OF RECORDSName **MEJIA, HANZEL NAVAL**Student No. **2015-91171**

COLLEGIATE RECORD		GRADES		CREDITS
COURSE NUMBER	COURSE TITLE	FINAL	Re-exam Completion	
COLLEGE OF ENGINEERING (Master's Program)				
2nd Semester, 2015-2016				
CE 248	Traffic Flow Theory and Analysis	2.25		3
CE 249	Planning and Design of Transportation Facilities	1		3
ES 201	Advanced Mathematical Methods in Engineering I	1		3
Midyear, 2016 Residence				
1st Semester, 2016-2017				
CE 240	Transportation Systems Analysis and Planning	1.25		3
CE 245	Mass Transit Engineering	1.25		3
CE 246	Transportation and Traffic Surveys	1.5		3
ES 204	Numerical Methods in Engineering	2		3
IE 298	Special Problems	2.5		3
2nd Semester, 2016-2017				
CE 242	Traffic Engineering and Management	1.25		3
CE 300	Thesis	Pass		6
Midyear, 2017 Residence				
1st Semester, 2017-2018 Residence				
Thesis Title: "Modelling the Effects of Rainfall Intensity on Speed-Flow-Density Relationship at North Luzon Expressway (NLEX)"				
Graduated with the degree of MASTER OF SCIENCE IN CIVIL ENGINEERING on January 07, 2018				
End of UP Diliman Transcript. Cleared: May 07, 2018				

CERTIFIED PHOTOCOPY OF THE ORIGINAL

TERESITA L. QUINANO

SUPERVISING ADMINISTRATIVE OFFICER

Initial Checker mlvicente Date 05/08/2018Final Checker jmbua Date 05/09/2018Printed By jeadiz Date 05/09/2018Date Issued MAY 17, 2018MA. THERESA T. PAYONGAYONG, PhD  
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 February 2015

### 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.

The first semester begins in August, the second semester in January, and the midyear term in June.

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 1303<sup>rd</sup> 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.

CERTIFIED PHOTOCOPY OF THE ORIGINAL

TERESITA L. QUINANGA

MA. THERESA T. PAYONGAYONG, PhD  
University Registrar





The following grading systems have been adopted:





# 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](http://www.vsu.edu.ph)  
email : [op@vsu.edu.ph](mailto:op@vsu.edu.ph)  
[registrar@vsu.edu.ph](mailto:registrar@vsu.edu.ph)  
Tele Fax : +63 53 335 2601  
+63 53 335 2644

## OFFICIAL TRANSCRIPT OF RECORDS

### PERSONAL DATA

**Student Name** : Mejia, Hanzel Naval  
**Student Number** : 09-1-00615  
**Date of Birth** : March 24, 1993  
**Place of Birth** : Inopacan, Leyte  
**Sex** : Male  
**Religion** : Seventh Day Adventist  
**Citizenship** : Filipino  
**Parent/Spouse** : Mr. & Mrs. Edwin D. Mejia  
**Address** : Brgy. Conalum, Inopacan, Leyte  
**Tel. No./Cell. No.** :  
**Guardian** :  
**Address/Cell. No.** :



### PRELIMINARY EDUCATION

**Elementary** : Saavedra Saway Elementary School  
General Santos City  
**Year** : 2005  
**High School** : Conalum National High School  
Conalum, Inopacan, Leyte  
**Year** : 2009  
**Entrance** : Form 138-A  
**Credential** : Conalum National High School  
Conalum, Inopacan, 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





# VISAYAS STATE UNIVERSITY

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## Main Campus

Visca, Baybay City, Leyte 6521-A  
Philippines

website : [www.vsu.edu.ph](http://www.vsu.edu.ph)  
email : [op@vsu.edu.ph](mailto:op@vsu.edu.ph)  
[registrar@vsu.edu.ph](mailto: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

09-1-00615 : **Mejia, Hanzel Naval**

Bachelor of Science in Civil Engineering (BSCE)

Course No.	Descriptive Title	Grade	Credit
First Semester, SY 2009-2010			
CSci 21	INTRODUCTION TO COMPUTERS	1.50	3.0
ENGL 11	COMMUNICATION SKILLS I	1.25	3.0
ESci 122	ENGINEERING GRAPHICS I	2.50	3.0
Math 13	COLLEGE ALGEBRA AND TRIGONOMETRY	2.50	5.0
PSYC 11	GENERAL PSYCHOLOGY	1.25	3.0
Soci 11	GENERAL SOCIOLOGY	1.75	3.0
PhyEd 11	PHYSICAL FITNESS AND GYMNASTICS	1.75	2.0
NSTP 11r	RESERVE OFFICERS TRAINING CORPS (ROTC)	1.00	3.0
Second Semester, SY 2009-2010			
CEng 112	BUILDING DESIGN I	2.50	3.0
Chem 11	GENERAL CHEMISTRY I	1.00	4.0
Engl12	COMMUNICATION SKILLS II	1.25	3.0
ESci 124	SAFETY MANAGEMENT	2.50	1.0
Math 103c	ADVANCED ALGEBRA	2.25	3.0
Math 18	SOLID MENSURATION	2.00	2.0
MATH112	ANALYTIC GEOMETRY & CALCULUS I	2.25	5.0
ScSc 13	SOCIO-ECONOMIC SYSTEMS	1.75	3.0
PhyEd 12	RECREATIONAL GAMES, RHYTHMIC ACTIVITIES & DANCE	1.75	2.0
NSTP 12r	RESERVE OFFICERS TRAINING CORPS (ROTC)	2.00	3.0
Summer 2010			
CEng 113	BUILDING DESIGN II	2.25	3.0
First Semester, SY 2010-2011			
ESci 131	ENGINEERING GRAPHICS II (AUTOCAD)	2.75	2.0
GENg 111	GENERAL SURVEYING I	3.00	4.0
Math 113	ANALYTICAL GEOMETRY AND CALCULUS II	2.75	5.0
PHILO12	CONTEMPORARY PHILOSOPHICAL THOUGHTS	2.50	3.0
Phys 13	COLLEGE PHYSICS I	3.00	4.0
ScSc 14	PHIL.SOC.PROBS., LAND REFORM & TAXATION	1.50	3.0
PhyEd 13	TEAM SPORTS	1.50	2.0
Second Semester, SY 2010-2011			
CEng 122	BUILDING DESIGN III	INC	2.75 3.0
ESci 133	ENGINEERING MECHANICS	2.50	5.0
GENg 112	GENERAL SURVEYING II	2.50	4.0
Math 114	CALCULUS III & DIFF. EQUATIONS	2.75	5.0
Phys 16	COLLEGE PHYSICS IIa	INC	3.00 4.0
PhyEd 14	INDIVIDUAL-DUAL SPORTS	2.00	2.0
First Semester, SY 2011-2012			
CEng 131	ADVANCED ENGINEERING MATH FOR CE	2.75	3.0

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Tele Fax : +63 53 335 2601  
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VISAYAS STATE UNIVERSITY (VSU), Visca, Baybay City, Leyte

09-1-00615 : **Mejia, Hanzel Naval**

Bachelor of Science in Civil Engineering (BSCE)

Course No.	Descriptive Title	Grade	Credit
ESci 126	ELECTRONICS & ELECTRICAL ENGINEERING	2.25	3.0
ESci 134	FLUID MECHANICS	2.25	4.0
ESci 142	STRENGTH OF MATERIALS	3.00	3.0
Fili 11	SINING NG PAKIKIPAGTALASTASAN AT RETORIKA	1.50	3.0
GEng 133	CONSTRUCTION & INDUSTRIAL SURVEY	2.50	3.0
ScSc 15	PHILIPPINE HISTORY, GOVERNMENT & CONSTITUTION	1.25	3.0
Second Semester, SY 2011-2012			
CEng 132	CONSTRUCTION MATERIALS AND TESTING	2.00	3.0
CEng 134	STRUCTURAL ANALYSIS I	INC 3.00	4.0
CEng 136	GEOTECHNICAL ENGINEERING I	2.50	4.0
CEng 138	HYDRAULICS	2.50	3.0
CEng 142	BASIC MECHANICAL ENGINEERING	1.50	3.0
CS 134	PRINCIPLES OF COMPUTER PROGRAMMING	2.50	3.0
Fili 13	ANG PANITIKAN NG PILIPINAS	2.00	3.0
First Semester, SY 2012-2013			
CEng 141	STRUCTURAL ANALYSIS 2	2.75	3.0
CEng 143	GEOTECHNICAL ENGINEERING 2	2.25	4.0
CEng 145	HYDROLOGY	2.25	3.0
ESci 141	ENVIRONMENTAL ENGINEERING	2.25	2.0
ESci 143	ENGINEERING MANAGEMENT	1.75	3.0
GEng 135	INTRO. TO GIS & DATABASE MGT	2.25	3.0
Spch 11	SPEECH COMMUNICATION	2.50	3.0
Second Semester, SY 2012-2013			
CEng 144	REINFORCED CONCRETE DESIGN	2.00	4.0
CEng 146	TRANSPORTATION ENGINEERING 1	1.50	3.0
CEng 148	WATER RESOURCES ENGINEERING 1	1.75	3.0
Engl 24	WRITING THE SCIENTIFIC PAPER	1.50	3.0
Hum 11	INTRODUCTION TO HUMANITIES	1.75	3.0
ScSc 16	LIFE AND WORKS OF RIZAL	1.75	3.0
Stat 21	ELEMENTARY STATISTICS	1.50	3.0
Summer SY 2012-2013			
Ceng 200a	ON THE JOB TRAINING	VS	In Progress
First Semester, 2013-2014			
CEng 151	WATER RESOURCES ENGINEERING 2	1.50	3.0
CEng 153	TIMBER DESIGN	2.25	2.0
CEng 155	STEEL DESIGN	2.50	2.0
CEng 157	CONSTRUCTION METHODS	2.75	4.0
CEng 159	TRANSPORTATION ENGINEERING 2	2.75	3.0
CEng 200a	ON THE JOB TRAINING	S	In Progress

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## OFFICIAL TRANSCRIPT OF RECORDS

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09-1-00615 : **Mejia, Hanzel Naval**

Bachelor of Science in Civil Engineering (BSCE)

Course No.	Descriptive Title	Grade	Credit
Engl 21	INTRODUCTION TO LITERATURE	1.75	3.0
ESci 182	ENGINEERING ECONOMY	1.50	3.0
2nd Semester, 2013-2014			
CEng 152	CE CORRELATION COURSE	2.50	4.0
CEng 154	CE LAWS, CONTRACTS, SPECS. AND ETHICS	2.25	3.0
CEng 156	CIVIL ENGINEERING PROJECT	1.75	3.0
CEng 158	CONSTRUCTION COST ENGINEERING	1.75	3.0
Ceng 162w	WATER AND WASTEWATER ENGINEERING	1.75	3.0
CEng 199	UNDERGRADUATE SEMINAR	2.25	1.0
CEng 200a	ON THE JOB TRAINING	1.00	6.0

Graduated on May 9, 2014 with the degree of Bachelor of Science in Civil Engineering (BSCE) as per VSU Board of Regents Resolution No. 19, s.2014 dated April 14, 2014

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Doc. Stamp Paid P15.00

REMARKS : FOR EMPLOYMENT

DATE ISSUED : May 9, 2014

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**ELIEZER L. VELASCO**  
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