

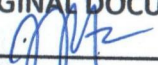
# University of San Carlos



FOR EMPLOYMENT  
UNIVERSITY OF SAN CARLOS  
CEBU CITY, PHILIPPINES

Cebu City, Philippines

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ORIGINAL DOCUMENT/S

  
JAMES ANTHONY T. TOLEDO, MM, MBA  
Assistant University Registrar

MAY 19 2021

*To all whom these presents shall come*

## Greetings

*Be it known that*

### Rev Rhizza Liong Aure


*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*


### Doctor of Philosophy in Physics


*with all the Rights and Privileges thereunto 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 23rd day of May 2020.*



  
GLENN G. GLARINO, PhD  
Dean

  
FR. NARCISO A. CELLAN JR., SVD, DComm  
President

  
FR. JESURAJ ANTHONIAPPEN, SVD, PhD  
Vice President for Academic Affairs





# UNIVERSITY OF SAN CARLOS

## Office of the Registrar

Nasipit, Talamban, 6000 Cebu City, Philippines

Tel. No. (63 32) 230-0100 local 112, 115, 138

Fax No. (63 32) 230-0405

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

CERTIFIED ISO 9001:2015

SCHOOL CODE: 7078

## OFFICIAL TRANSCRIPT OF RECORDS

Page 1

### PERSONAL DATA

Student Name : **AURE, REV RHIZZA LIONG**  
ID Number : 06304988  
Birthdate : OCTOBER 03, 1981  
Birthplace : BAYBAY, LEYTE  
Gender : MALE  
Religion : ROMAN CATHOLIC  
Citizenship : FILIPINO  
Parent/Spouse : ROBERTO V. AURE  
Address : APARTMENT #66, KILBOURNE DRIVE, VSU,  
VISCA, BAYBAY CITY 6521, LEYTE, REGION  
8 - EASTERN VISAYAS, PHILIPPINES



Contact Number : 639083160053

### PRELIMINARY EDUCATION

Elementary : VISCA FOUNDATION ELEMENTARY SCHOOL Year : 1994  
Secondary : VISCA LABORATORY HIGH SCHOOL 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/graduate 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 as 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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Assistant University Registrar

**MAY 19 2021**



ROMEO E. YAP  
University Registrar

FOR AND IN THE ABSENCE OF THE  
UNIVERSITY REGISTRAR

**JAMES ANTHONY T. TOLEDO, MM, MBA**  
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ENTRANCE ADMISSION : GRADUATED WITH THE DEGREE OF MASTER OF PHYSICS  
ON OCTOBER 13, 2012 AT THE UNIVERSITY OF SAN  
CARLOS. SPECIAL ORDER EXEMPTED.

Student Name : AURE, REV RHIZZA LIONG

#### FIRST SEMESTER 2015-2016 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
PHYS 603.1	THE THEORY OF SUPERCONDUCTIVITY	1.3	3.0
PHYS 701	CLASSICAL MECHANICS 1	1.4	3.0
PHYS 702	CLASSICAL ELECTRODYNAMICS 1	1.0	3.0
PHYS 703	QUANTUM MECHANICS 1	1.4	3.0

#### SECOND SEMESTER 2015-2016 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
PHYS 234.8	ATOMIC AND MOLECULAR SPECTROSCOPY	1.4	3.0
PHYS 704	STATISTICAL MECHANICS 1	1.3	3.0
PHYS 705	CLASSICAL ELECTRODYNAMICS 2	1.0	3.0
PHYS 706	QUANTUM MECHANICS 2	1.8	3.0

#### SUMMER 2016 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
CAS RES	RESIDENCY IN CAS	P	
PHYS 713	EXPERIMENTAL METHODS IN BIOPHYSICS 1 (LECTURE)	1.0	2.0
PHYS 713L	EXPERIMENTAL METHODS IN BIOPHYSICS 1 (LABORATORY)	1.0	1.0

#### FIRST SEMESTER 2016-2017 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
PHYS 601.1	METHODS AND APPLICATIONS OF WHITE NOISE ANALYSIS	1.6	3.0
PHYS 604.1	MANY-PARTICLE PHYSICS 1	1.0	3.0
PHYS 605.1	COMPLEX SYSTEMS	1.0	3.0

#### SECOND SEMESTER 2016-2017 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
PHYS 602.1	STANDARD MODEL IN PARTICLE PHYSICS	1.5	3.0
PHYS 604.2	MANY-PARTICLE PHYSICS 2	1.3	3.0
PHYS 606.1	MEDICAL BIOPHYSICS AND SOFT MATTER PHYSICS (LECTURE)	1.0	2.0
PHYS 606.1L	MEDICAL BIOPHYSICS AND SOFT MATTER PHYSICS (LABORATORY)	1.0	2.0

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Student Name : AURE, REV RHIZZA LIONG

### SUMMER 2017 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
PHYS 796	GRADUATE COLLOQUIUM	P	
PHYS 798	DISSERTATION PROPOSAL HEARING (CANDIDACY)	IP	
PHYS 799	DISSERTATION COUNSELING	IP	
PHYS 799L	DISSERTATION LABORATORY	IP	
PHYS RES	RESIDENCY	P	

### FIRST SEMESTER 2017-2018 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
PHYS 796	GRADUATE COLLOQUIUM	1.4	1.0
PHYS 798	DISSERTATION PROPOSAL HEARING (CANDIDACY)	P	
PHYS 799	DISSERTATION COUNSELING	IP	
PHYS 799L	DISSERTATION LABORATORY	IP	
PHYS RES	RESIDENCY	P	

### SECOND SEMESTER 2017-2018 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
PHYS 797	GRADUATE SEMINAR	1.5	1.0
PHYS 799	DISSERTATION COUNSELING	IP	
PHYS 799L	DISSERTATION LABORATORY	IP	
PHYS RES	RESIDENCY	IP	

### TRANSITION SEMESTER 2018 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
PHYS 799	DISSERTATION COUNSELING	P	
PHYS 799L	DISSERTATION LABORATORY	P	

### FIRST SEMESTER 2018-2019 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
PHYS RES	RESIDENCY	IP	

### SECOND SEMESTER 2018-2019 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
PHYS RES	RESIDENCY	P	

### FIRST SEMESTER 2019-2020 - PHD-PHYSICS (STRAIGHT PROGRAM)

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Student Name : AURE, REV RHIZZA LIONG

Code	Title	Grade	Credit/s
CAS RES	RESIDENCY IN CAS	IP	

### SECOND SEMESTER 2019-2020 - PHD-PHYSICS (STRAIGHT PROGRAM)

Code	Title	Grade	Credit/s
CAS RES	RESIDENCY IN CAS	P	
Graduated	: DOCTOR OF PHILOSOPHY IN PHYSICS (STRAIGHT PROGRAM)		
Date of Graduation	: May 23, 2020		
Thesis/Dissertation	: "AGEING DYNAMICS OF FIBRIN USING PASSIVE MICRORHEOLOGY"		
Special Order (S.O.) Requirement	: EXEMPTED. The University of San Carlos has been granted autonomous status by the Commission on Higher Education with the benefit of exemption from the issuance of Special Order (S.O.) for its graduates.		
Program Accreditation	: ACCREDITED by the Federation of Accrediting Agencies of the Philippines (FAAP) as evaluated by the Philippine Accrediting Association of Schools, Colleges and Universities (PAASCU).		

Date Issued : March 15, 2021

Purpose : FOR EVALUATION

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