

CURRICULUM VITAE

I. Personal Information

Last Name	Cabatchete
First Name	Jessa
Middle Name	Dabalos
Mailing Address	Purok Million, Barangay San Agustin Sur, Tandag City, Surigao Del Sur
Mobile Number	+639487370355
E-mail Address	jessa.cabatchete@carsu.edu.ph
Date of Birth	April 20, 1992

II. Educational Attainment

Bachelor's Degree

Course	Bachelor of Science in Mathematics
Field of Specialization	Linear Algebra
Date Graduated	April 2012
School/ Institution	Mindanao State University- Main Campus, Marawi

Master's Degree

Course	Master of Science in Mathematics
Field of Specialization	Topology
Date Graduated	August 2021
School/ Institution	Caraga State University- Main Campus, Ampayon

Doctorate Degree

Course	Doctor of Philosophy in Mathematics
Field of Specialization	Mathematical Modelling
Date	August 2021- Present
School/ Institution	Caraga State University- Main Campus, Ampayon

III. Work Experience

Position	Instructor I
Company	North Eastern Mindanao State University
Period Covered	June 6, 2016 to October 1, 2020
General Job Description	Mathematics Instructor

IV. Subjects Taught in the Last Three Years

Course Title **Calculus II**

Course Description This course is the second of a series of three calculus courses. It covers techniques of integration, parametric equations, polar coordinates, cylindrical surfaces, surfaces of revolution, and quadratic surfaces; vectors and vector-valued functions; some other applications of integrals.

Course Title **Fundamental Concepts of Mathematics**

Course Description This course covers sets, principles of logic, methods of proof, relations, functions, integers, binary operations, complex numbers, matrices and matrix operations, and an introduction to mathematical systems.

Course Title **Mathematics in the Modern World**

Course Description This course deals with the nature of mathematics, appreciation of its practical, intellectual, and aesthetic dimension, and application of mathematical tools in daily life.

Course Title **Linear Algebra**

Course Description This course covers matrices, systems of linear equations, vector spaces, linear independence, linear transformations, determinants, eigenvalues and eigenvectors, diagonalization, and inner product spaces.

Course Title **Topology**

Course Description This course is an introduction to mathematical topology. It includes topics fundamental to modern analysis and geometry like topological spaces and continuous functions, connectedness, countability axioms and separation axioms.

Course Title **Abstract Algebra**

Course Description	This undergraduate course covers groups, subgroups, cyclic groups, permutation groups, abelian groups, normal subgroups, quotient groups and homomorphisms and isomorphism theorems, rings, integral domains, fields, ring homomorphisms, ideals and field of quotient.
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IV. Training Programs Attended

Title of Training	Workshop on Data Assimilation and Machine Learning for Environmental Problems
Inclusive Dates of Attendance	October 10, 2023 – October 19, 2023
Number of Hours	64 hours
Conducted / Sponsored by	International Mathematical Union /CSU Philippines
Title of Training	CIMPA School Philippines 2022: Mathematical Modeling of Ecosystems
Inclusive Dates of Attendance	August 22, 2022 – September 02, 2022
Number of Hours	96 hours
Conducted / Sponsored by	CIMPA/CSU Philippines
Title of Training	Webinar on Mathematical Models in Environmental Science
Inclusive Dates of Attendance	September 10, 2021
Number of Hours	4 hours
Conducted / Sponsored by	Mindanao State University- Main Campus
Title of Training	SEAMS SCHOOLS 2021: Modern Tools For Mathematical Modeling on Ecosystems
Inclusive Dates of Attendance	August 23 - September 03, 2021
Number of Hours	80 hours
Conducted / Sponsored by	Caraga State University, Butuan City / University of Picardie, France / CIMPA - International Mathematical Union
Title of Training	1st International Virtual Conference on Multidisciplinary Research and Innovation (Presenter)
Inclusive Dates of Attendance	June 29-30, 2021
Number of Hours	16 hours
Conducted / Sponsored by	NEMSU (Former SDSSU)
Title of Training	Training on Activity- Based Teaching of Mathematics

	in the Modern World
Inclusive Dates of Attendance	June 18–29, 2019
Number of Hours	96 hours
Conducted / Sponsored by	CHED - Caraga through the Mathematics Department of Caraga State University
Title of Training	Workshop in Qualitative Research in Mathematics Education
Inclusive Dates of Attendance	September 21-22, 2018
Number of Hours	16 hours
Conducted / Sponsored by	2018 Annual Convention of the MSP Caraga Chapter
Title of Training	Free Civil Service Exam Review Classes (Reviewer)
Inclusive Dates of Attendance	February 25, 2018, March 4, 2018, March 11, 2018
Number of Hours	24 hours
Conducted / Sponsored by	NEMSU Alumni Association
Title of Training	Seminar-Workshop on Non – Parametric Statistics for Research
Inclusive Dates of Attendance	July 13-15, 2016
Number of Hours	18 hours
Conducted / Sponsored by	ASSCAT Bunawan, Agusan Del Sur

VIII. Professional Licenses and Certification

Certification	Civil Service Professional Certification of Eligibility
Date of First Issuance	October 21, 2012

IX. Other Information

Special Skills / Hobbies	Latex Program Literate / Python/ Microsoft Word, Excel and Power Point Programs Literate
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Membership in Association / Organization	Mathematical Society of the Philippines
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I certify that the information provided herein is true and correct.


JESSA D. CABATCHETE
 Applicant

July 1, 2024
 Date