**Republic of the Philippines

**CAVITE STATE UNIVERSITY - NAIC**

(Formely Cavite College of Fisheries) Bucana Malaki, Naic, Cavite

[info@cvsu-naic.edu.ph](mailto:info@cvsu-naic.edu.ph)

Student's Name: Franklin Gian G. Sarmiento Address: J. P. Ramos Street, Ternate, Cavite

Date of Admission: 03 / 01 / 23 Sem/SY: 2nd Semester 2023 Student's Number: 202210264

*(based on CMO 25, s. 2015)*

Offered 2018-2019

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| Course | Course Title | Credit | | Contact Hours | | Pre | Instructor/ | Final | Remarks |
| No. | Lec | Lab | Lec | Lab | Requisite | Professor | Grade |

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| **FIRST YEAR** | | | | | | | | | |
| **First Semester** | | | | | | | | | |
| GNED 02 | Ethics | 3 |  | 3 |  | none | H. Jacinto | 1.00 |  |
| GNED 05 | Purposive Communication | 3 |  | 3 |  | none | J. Medina | 1.50 |  |
| GNED 11 | Kontekstwalisadong Komunikasyon sa Filipino | 3 |  | 3 |  | none | J. Medina | 2.00 |  |
| COSC 50 | Discrete Structures I | 3 |  | 3 |  | none | F. Merlan | 1.75 |  |
| DCIT 21 | Introduction to Computing | 2 | 1 | 2 | 3 | none | T. Buenaflor | 1.25 |  |
| DCIT 22 | Computer Programming 1 | 1 | 2 | 1 | 6 | none | M. Poblete | 1.25 |  |
| FITT 1 | Movement Enhancement | 2 |  | 2 |  | none | S. Cortez | 1.75 |  |
| NSTP 1 | National Service Training Program 1 | 3 |  | 3 |  | none | Cpt. Bosque | 1.00 |  |
| CvSU 101 | Institutional Orientation (non-credit) | (1) |  | 1 |  | none | M. Timola | S |  |
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| **Second Semester** | | | | | | | | | |
| GNED 01 | Arts Appreciation | 3 |  | 3 |  | none | A. Evardo Jr. | 1.00 |  |
| GNED 06 | Science, Technology, and Society | 3 |  | 3 |  | none | A. Manny | 1.25 |  |
| GNED 12 | Dalumat Ng/Sa Filipino | 3 |  | 3 |  | GNED 11 | D. Feleo | 1.25 |  |
| GNED 03 | Mathematics in the Modern World | 3 |  | 3 |  | none | E. Papa | 1.50 |  |
| DCIT 23 | Computer Programming 2 | 1 | 2 | 1 | 6 | DCIT 22 | RJ. Riel | 1.25 |  |
| ITEC 50 | Web System and Technologies 1 | 2 | 1 | 2 | 3 | DCIT 21 | C. Dualan | 1.00 |  |
| FITT 2 | Fitness Exercise | 2 |  | 2 |  | FITT 1 | L. Jacob | 1.25 |  |
| NSTP 2 | National Service Training Program 2 | 3 |  | 3 |  | NSTP 1 | Cpt. Bosque | 1.25 |  |
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| **SECOND YEAR** | | | | | | | | | |
| **First Semester** | | | | | | | | | |
| GNED 04 | Mga Babasahin Hinggil sa Kasaysayan ng Pilipinas | 3 |  | 3 |  | None | R. Mamita | 1.25 |  |
| MATH 1 | Analytic Geometry | 3 |  | 3 |  | GNED 03 | E. Papa | 1.50 |  |
| COSC 55 | Discrete Structures II | 3 |  | 3 |  | COSC 50 | F. Merlan | 1.25 |  |
| COSC 60 | Digital Logic Design | 2 | 1 | 2 | 3 | COSC 50, DCIT 23 | F. Merlan | 1.25 |  |
| DCIT 50 | Object Oriented Programming | 2 | 1 | 2 | 3 | DCIT 23 | M. Timola | 2.00 |  |
| DCIT 24 | Information Management | 2 | 1 | 2 | 3 | DCIT 23 | I. Poblete | 1.50 |  |
| INSY 50 | Fundamentals of Information Systems | 3 |  | 3 |  | DCIT 21 | F. Merlan | 1.00 |  |
| FITT 3 | Physical Activities towards Health and Fitness 1 | 2 |  | 2 |  | FITT 1 | L. Jacob | 1.00 |  |
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| **Second Semester** | | | | | | | | | |
| GNED 08 | Understanding the Self | 3 |  | 3 |  | None | O. Malinay | 1.50 |  |
| GNED 14 | Panitikang Panlipunan | 3 |  | 3 |  | None | J. Medina | 1.00 |  |
| MATH 2 | Calculus | 3 |  | 3 |  | MATH 1 | E. Papa | 1.25 |  |
| COSC 65 | Architecture and Organization | 2 | 1 | 2 | 3 | COSC 60 | F. Merlan | 1.00 |  |
| COSC 70 | Software Engineering I | 3 |  | 3 |  | DCIT 50, DCIT 24 | F. Merlan | 1.25 |  |
| DCIT 25 | Data Structures and Algorithms | 2 | 1 | 2 | 3 | DCIT 23 | D. Peregrina | 1.00 |  |
| DCIT 55 | Advanced Database Management System | 2 | 1 | 2 | 3 | DCIT 24 | H. Balanza | 1.00 |  |
| FITT 4 | Physical Activities towards Health and Fitness 2 | 2 |  | 2 |  | FITT 1 | D. Mojica | 1.25 |  |
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| Course | Course Title | Credit | | Contact Hours | | Pre | Instructor/ | Final | Remarks |
| No. | Lec | Lab | Lec | Lab | Requisite | Professor | Grade |
| **THIRD YEAR** | | | | | | | | | |
| **First Semester** | | | | | | | | | |
| MATH 3 | Linear Algebra | 3 |  | 3 |  | MATH 2 |  |  |  |
| COSC 75 | Software Engineering II | 2 | 1 | 2 | 3 | COSC 70 |  |  |  |
| COSC 80 | Operating Systems | 2 | 1 | 2 | 3 | DCIT 25 |  |  |  |
| COSC 85 | Networks and Communication | 2 | 1 | 2 | 3 | ITEC 50 |  |  |  |
| COSC 101 | Computer Graphics and Visual Computing | 2 | 1 | 2 | 3 | DCIT 23 |  |  |  |
| DCIT 26 | Applications Development and Emerging Technologies | 2 | 1 | 2 | 3 | ITEC 50 |  |  |  |
| DCIT 65 | Social and Professional Issues | 3 |  | 3 |  | None |  |  |  |
|  |  | **16** | **5** | **16** | **15** |  |  |  |  |
|  | | | | | | | | | |
| **Second Semester** | | | | | | | | | |
| GNED 09 | Life and Works of Rizal | 3 |  | 3 |  | GNED 04 |  |  |  |
| MATH 4 | Experimental Statistics | 2 | 1 | 2 | 3 | MATH 2 |  |  |  |
| COSC 90 | Design and Analysis of Algorithm | 3 |  | 3 |  | DCIT 25 |  |  |  |
| COSC 95 | Programming Languages | 3 |  | 3 |  | DCIT 25 |  |  |  |
| COSC 106 | Introduction to Game Development | 2 | 1 | 2 | 3 | MATH 3, COSC 101 |  |  |  |
| DCIT 60 | Methods of Research | 3 |  | 3 |  | 3rd yr. Standing |  |  |  |
| ITEC 85 | Information Assurance and Security | 3 |  | 3 |  | DCIT 24 |  |  |  |
|  |  | **19** | **2** | **19** | **6** |  |  |  |  |
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| **Mid Year Class** | | | | | | | | | |
| COSC 199 | Practicum | 3 |  | 3 |  | Incoming 4th year |  |  |  |
|  |  | **3** | **0** | **3** | **0** |  |  |  |  |
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| **FOURTH YEAR** | | | | | | | | | |
| **First Semester** | | | | | | | | | |
| ITEC 80 | Human Computer Interaction | 3 |  | 3 |  | ITEC 85 |  |  |  |
| COSC 100 | Automata Theory and Formal Languages | 3 |  | 3 |  | COSC 90 |  |  |  |
| COSC 105 | Intelligent Systems | 2 | 1 | 2 | 3 | MATH 4, COSC 55, DCIT 50 | |  |  |
| COSC 111 | Internet of Things | 2 | 1 | 2 | 3 | COSC 60 |  |  |  |
| COSC 200A | Undergraduate Thesis I | 3 |  | 1 |  | 4th year Standing |  |  |  |
|  |  | **13** | **2** | **11** | **6** |  |  |  |  |
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| **Second Semester** | | | | | | | | | |
| GNED 07 | The Contemporary World | 3 |  | 3 |  | None |  |  |  |
| GNED 10 | Gender and Society | 3 |  | 3 |  | None |  |  |  |
| COSC 110 | Numerical and Symbolic Computation | 2 | 1 | 2 | 3 | COSC 60 |  |  |  |
| COSC 200B | Undergraduate Thesis II | 3 |  | 1 |  | COSC 200A |  |  |  |
|  |  | **3** | **0** | **3** | **0** |  |  |  |  |
| Summary |  |  |  |  |  |  |  |  |  |
|  | A. General Education | 36 |  |  |  |  |  |  |  |
|  | B. Common Courses | 18 |  |  |  |  |  |  |  |
|  | C. Professional Courses | 69 |  |  |  |  |  |  |  |
|  | D. Professional Electives | 9 |  |  |  |  |  |  |  |
|  | E. Additional Math Requirement | 12 |  |  |  |  |  |  |  |
|  | F. Physical Education | 8 |  |  |  |  |  |  |  |
|  | G. National Service Training Program | 6 |  |  |  |  |  |  |  |
|  | H. Institutional Orientation | 3 |  |  |  |  |  |  |  |
|  | **TOTAL UNITS** | **161** |  |  |  |  |  |  |  |