

**PAMANTASAN NG CABUYAO**  
 Katapatan Mutual Homes, Banaybanay,  
 City of Cabuyao, Laguna  
**OBE CURRICULUM**  
**BSIT - 2018**

| <b>Course Code</b>                | <b>Description</b>                                 | <b>Units</b> | <b>Pre-requisite</b> |
|-----------------------------------|--|--------------|----------------------|
| <b>1st Year - First Semester</b>  |  |              |                      |
| CCS101                            | Introduction to Computing                          | 3.00         | NONE;                |
| CCS102                            | Computer Programming 1                             | 3.00         | NONE;                |
| ETH101                            | Ethics   | 3.00         | NONE;                |
| MAT101                            | Mathematics in the Modern World                    | 3.00         | NONE;                |
| NSTP1                             | National Service Training Program 1                | 3.00         | NONE;                |
| PED101                            | Physical Education 1                               | 2.00         | NONE;                |
| PSY100                            | Understanding the Self                             | 3.00         | NONE;                |
| <b>1st Year - Second Semester</b> |  |              |                      |
| CCS103                            | Computer Programming 2                             | 3.00         | CCS102;              |
| CCS104                            | Discrete Structures 1                              | 3.00         | MAT101;              |
| CCS105                            | Human Computer Interaction 1                       | 3.00         | CCS101;              |
| CCS106                            | Social and Professional Issues                     | 3.00         | ETH101;              |
| COM101                            | Purposive Communication                            | 3.00         | NONE;                |
| GAD101                            | Gender and Development                             | 3.00         | NONE;                |
| NSTP2                             | National Service Training Program 2                | 3.00         | NSTP1;               |
| PED102                            | Physical Education 2                               | 2.00         | PED101;              |
| <b>2nd Year - First Semester</b>  |  |              |                      |
| ACT101                            | Principles of Accounting                           | 3.00         | NONE;                |
| CCS107                            | Data Structures and Algorithms 1                   | 3.00         | CCS103;              |
| CCS108                            | Object-Oriented Programming                        | 3.00         | CCS103;              |
| CCS109                            | System Analysis and Design                         | 3.00         | CCS101;              |
| ITEW1                             | Electronic Commerce                                | 3.00         | NONE;                |
| PED103                            | Physical Education 3                               | 2.00         | PED102;              |
| STS101                            | Science, Technology and Society                    | 3.00         | NONE;                |
| <b>2nd Year - Second Semester</b> |  |              |                      |
| CCS110                            | Information Management 1                           | 3.00         | CCS101;              |
| CCS111                            | Networking and Communication 1                     | 3.00         | 2nd Year Standing;   |
| ENT101                            | The Entrepreneurial Mind                           | 3.00         | NONE;                |
| ITEW2                             | Client Side Scripting                              | 3.00         | ITEW1;               |
| ITP101                            | Quantitative Methods                               | 3.00         | CCS104;              |
| ITP102                            | Integrative Programming and Technologies           | 3.00         | CCS109;              |
| PED104                            | Physical Education 4                               | 2.00         | PED103;              |
| <b>3rd Year - First Semester</b>  |  |              |                      |
| HIS101                            | Readings in Philippine History                     | 3.00         | NONE;                |
| ITEW3                             | Server Side Scripting                              | 3.00         | ITEW2;               |
| ITP103                            | System Integration and Architecture                | 3.00         | ITP102;              |
| ITP104                            | Information Management 2                           | 3.00         | CCS110;              |
| ITP105                            | Networking and Communication 2                     | 3.00         | CCS111;              |
| ITP106                            | Human Computer Interaction 2                       | 3.00         | CCS105;              |
| SOC101                            | The Contemporary World                             | 3.00         | NONE;                |
| TEC101                            | Technopreneurship                                  | 3.00         | ENT101;              |
| <b>3rd Year - Second Semester</b> |  |              |                      |
| CCS112                            | Applications Development and Emerging Technologies | 3.00         | CCS103;              |
| CCS113                            | Information Assurance Security                     | 3.00         | 3rd Year Standing;   |
| HMN101                            | Art Appreciation                                   | 3.00         | NONE;                |
| ITEW4                             | Responsive Web Design                              | 3.00         | ITEW3;               |
| ITP107                            | Mobile Application Development                     | 3.00         | CCS108;              |
|                                   |  |              | ITEW3;               |
|                                   |  |              | ITP103;              |
| ITP108                            | Capstone Project 1                                 | 3.00         | ITP105;              |
|                                   |  |              | ITP106;              |
|                                   |  |              | CCS108;              |
|                                   |  |              | ITP104;              |
| ITP109                            | Platform Technologies                              | 3.00         | ITP106;              |
| <b>4th Year - First Semester</b>  |  |              |                      |
| ENV101                            | Environmental Science                              | 3.00         | NONE;                |
| ITEW5                             | Web Security and Optimization                      | 3.00         | ITEW4;               |
| ITP110                            | Web Technologies                                   | 3.00         | ITP106;              |
| ITP111                            | System Administration and Maintenance              | 3.00         | ITP105;              |
| ITP112                            | Capstone Project 2                                 | 3.00         | ITP109;              |
| RIZ101                            | Life and Works of Rizal                            | 3.00         | ITP108;              |
|                                   |  |              | NONE;                |
| <b>4th Year - Second Semester</b> |  |              |                      |
| ITEW6                             | Web Development Frameworks                         | 3.00         | ITEW5;               |
| ITP113                            | IT Practicum (500 hours)                           | 9.00         | 4th Year Standing;   |