

PAMANTASAN NG CABUYAO

Katapatan Subd., Banaybanay, City of Cabuyao, Laguna

Associate in Computer Technology - Programming

2014

| Course Code | Description | Lec Unit | Lab Unit | Pre-Requisite |
|------------------------------|---|-----------|----------|--------------------|
| <u>1st yr/1st sem</u> | | | | |
| CS101 | Computer Fundamentals w/ Application Software | 3 | 1 | None |
| ETHICS | Ethics for IT Professionals | 3 | 0 | None |
| FIL1 | Komunikasyon sa Akademikong Filipino | 3 | 0 | None |
| MATH1 | College Algebra | 3 | 0 | None |
| ENG0 | Intensive Grammar Review | 3 | 0 | None |
| NSTP1 | National Service Training Program 1 | 3 | 0 | None |
| PE1 | Foundation of Physical Education & Health | 2 | 0 | None |
| CS102a | Computer Programming 1 | 3 | 1 | None |
| Total Units | | 23 | 2 | |
| <u>1st yr/2nd sem</u> | | | | |
| NSTP2 | National Service Training Program 2 | 3 | 0 | NSTP1; |
| ITE11 | Application Software 2 | 3 | 0 | CS101; |
| FIL2 | Pagbasa at Pagsulat Tungo sa Pananaliksik | 3 | 0 | FIL1; |
| PE2 | Gymnastics / Rhythmic Activities | 2 | 0 | PE1; |
| MATH2 | Trigonometry | 3 | 0 | MATH1; |
| ENG1 | Communication Skills 1 | 3 | 0 | ENG0; |
| CS102b | Computer Programming 2 | 3 | 1 | CS101; CS102a; |
| CS103 | Quality Conciousness, Habits & Process | 3 | 0 | ETHICS; |
| CS104a | Database Management System 1 | 3 | 1 | CS101; CS102a; |
| Total Units | | 26 | 2 | |
| <u>2nd yr/1st sem</u> | | | | |
| ENG2 | Communication Skills 2 | 3 | 0 | ENG1; |
| PHYSICS1a | Mechanics, Heat and Sound | 3 | 0 | MATH1; |
| PHILO1 | Intro.to Philosophy and Logic | 3 | 0 | None |
| PE3 | Individual/Dual Sports | 2 | 0 | PE2; |
| CS104b | Database Management System 2 | 3 | 1 | CS104a; CS102b; |
| CS105 | Data Structure and Algorithms | 3 | 1 | CS102a; |
| CS106 | Discrete Math with Abstract Algebra | 3 | 0 | MATH1; |
| SOCSCI2 | Phil. Government and Constutition | 3 | 0 | None |
| HIST1 | Philippine History | 3 | 0 | None |
| Total Units | | 26 | 2 | |

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2014

2nd yr/2nd sem

| | | | | |
|--------------------|---------------------------------|-----------|----------|----------------------|
| CS107a | Object-Oriented Programming 1 | 3 | 1 | CS105; |
| ITE12 | System Analysis & Design | 3 | 0 | CS104b; |
| LIT1 | Intro. to Philippine Literature | 3 | 0 | ENG2; |
| PE4 | Team Sports | 2 | 0 | PE3; |
| CS110a | Data Communication 1 | 3 | 1 | CS101; |
| CS200 | On-the-Job Training (200 hrs.) | 3 | 0 | 2nd Year Standing |
| RIZAL | Life and Works of Rizal | 3 | 0 | None |
| CS109a | Web Development 1 | 3 | 1 | CS101; |
| Total Units | | 23 | 3 | |