



Vision:

A leading institution of excellence in innovative instruction and creative research and extension programs and projects, directed towards lasting peace and total human development

Mission:

Basilan State College shall provide quality human resources equipped with adequate knowledge, skills, and attitude in technological, vocational and professional fields of instruction, research, extension, and production to improve the quality of life of its clientele.

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BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT)

List of e-Books in Bibliotex

Course Description	Author	Copyright
Computer		
1. Web Programming	3G E-Learning LLC Editorial Board	2018
2. Fundamentals of IT & Programming	3G E-Learning LLC Editorial Board	2018
3. Algorithms & Data Structures	Ivan Stanimirović,, Ph.D.	2018
4. Software Project Management	Prof. Dr. Zoran Gacovski, Ph.D.	2018
5. Systems Programming	Gerard Ian Prudhomme	2018
6. Network Analysis & Synthesis	Gerard Ian Prudhomme	2018
7. Principles of Programming Languages	Ivan Stanimirović,, Ph.D.	2018
8. Computer Based Management System & E-Commerce	Gerard Ian Prudhomme	2018
9. Computer Language Engineering	Nelson Boli,var, Ph.D	2018
10. Digital Communications: Fundamentals and Applications	Rongie N. Bolanos	2018
11. Information Technology Management	Charlemagne Mendoza	2018
12. Computer Information Science	Charlemagne Mendoza	2018
13. Intelligent Information Management	Gerard Prudhomme	2018
14. Theory of Computation	Gerard Prudhomme	2018
15. C++ Technologies	Gerard Prudhomme	2018
16. Artificial Intelligence and Applications	ISAACK ONYANGO	2018
17. Theory, Practice and Techniques in Programming with C++	3G E-Learning LLC Editorial Board	2018
18. Theory, Practice and Techniques in Database Management Systems	3G E-Learning LLC Editorial Board	2018



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List of Books

Course Description	Author	No. of copies	Copyright
Understanding the Self			
1. Understanding the Self	Frando	5	2019
2. Introspection: Understanding the Self	Palaen, Erland	5	2018
3. Understanding the Self	Macayan	5	2018
4. A journey of understanding the self	Faith M. Cuevo	5	2019
5. Understanding self Developing life Skill	Ethel Magalona	5	2018
6. Understanding the Self	Brenda Corpuz	5	2020
7. Understanding the Self	Frando	5	2016

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Readings in Philippine History			
1. Readings in the Philippine History	Delos Santos	5	2019
2. Readings in Philippine History	Corpuz, Ronald M.	5	2018
3. Readings in the Philippine History	Candelaria, John Lee	5	2018
4. Readings in Philippine History	Delos Santos	5	2019
5. Reading in Philippine History	Jovy Ao-Wat	5	2019

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The Contemporary World			
1. The Contemporary World	Martinez	10	2018



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2. The Contemporary World	Claudio, Lisandro E.	5	2018
3. The Contemporary World	Aldama, Prince	5	2018
4. Globalization in Comterporary Word	Felix De Ocampo	5	2019

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Mathematics in the Modern World			
1. Mathematics in the Modern World		5	2020
2. Mathematics in the Modern World	Soriano	5	2019
3. Essential Mathematics for thwe Modern World	Nocon, Rizaldi C.	5	2016
4. Mathematics of the Modern World	Sirug	5	2018
5. Mathematics in the Modern World	Romeo T. Quintos	5	2020
6. Mathematics in the Modern World	Soriano	5	2019

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Purposive Communication			
1. English for Purposive Communication	Ang	5	2019
2. Purposive Communication	Martinez	5	2019
3. Purposive Communication in the Now	Africa, Augusto C.	5	2018
4. Purposive Communication using English in Multiligual Contexts	Madrunio, Marilu R.	5	2018
5. Purposive Communication	Evelyn L. Sebastian	5	2020
6. Purposive Communication	Rodolfo M. Martinez	5	2019
7. Purposive Communication	Benedicta R. Buenaventura	5	2020



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8. English for Purposive Communication A Modular Approach	Jaime Gutierrez	5	2019
9. Purposive Communication in the now		5	2022
10. Purposive Communication	Brendalyn Manzano	5	2018
11. Purposive Communication	Ramon Bantugan	5	2019
12. Principles and Competencies in Purposive Communication	Sonia Sygaco	5	2018

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Art Appreciation			
1. Art Appreciation for college students		5	2018
2. Art Appreciation for college students	Leaño	5	2018
3. Art Appreciation	Arriola	5	2018
4. Art Appreciation: Introduction to the humanities	Tabotabo, Claudio	5	2015
5. The course Module for Art Appreciation	Rolsdan, Albert	5	2019
6. Modular approach to art appreciation	Reynaldo b. Inocia	5	2021
7. Fundamental of Art Appreciation	Jenalyn B. Pagay	5	2018
8. Art Appreciation	Solmerano	5	2019
9. Fundamental and Art Appreciation	Jenalyn E. Pagay	5	2018
10. Art Appreciation	Jovita Punzalan	5	2019

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Science Technology and Society			
1. Science, Technology and Society	Bueno	5	2019



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2. Science, Technology and Society	Serafica, Janice	5	2018
3. Science, Technology and Society	Editha N. De Regla	5	2019
4. Science, Technology and Society	Ethel Magalona	5	2020
5. Science, Technology and Society	Ma. Louisa G. Taguiling	5	2019
6. Science, Technology and Society	Bueno	5	2019
7. Science, Technology and Society	Aldea	5	2022

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Ethics			
1. Ethics: a heuristic approach	Angulo	10	2019
2. Ethics for college students		5	2018
3. Values and work ethics	Saidali	5	2015
4. Doing Ethics	Combes	5	2015
5. Ethics	Corpuz	5	2020
6. Ethics: A Textbooks for the New General Education Curriculum	Padilla	5	2019
7. Ethics	Renato T. Agdapen	5	2019
8. Ethics Exploring Moral Philosophy	Palean	5	2019
9. Ethics A Heuristic Approach	Dr. Joselito B. Angulo	5	2019
10. Ethics	Ruben A. Corpuz	5	2020

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Gender and Society			



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1. Society and culture	Ebia	5	2016
2. Understanding Society and Culture	Riodique III	5	2016
3. Society & Culture	Peralta, Eric Paul	5	2019
4. Gender and Society: A human ecological approach	Peralta, Eric Paul	5	2019
5. Language, Culture and Society	Janet Mananay	5	2021

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Life and Works of Rizal			
1. The life and Works of Rizal		5	2019
2. Life and Works of Dr. Jose Rizal	Pangilinan	5	2018
3. The Life and Works of Jose Rizal	Wani-Obias	5	2018
4. The Life and Works of Rizal	Ariola	5	2018
5. Rizal life and work toward Social Awareness and Nationalism	Edwin E. Valenzuela /	5	2019
6. The life and work of Jose Rizal	Cecilie Porras	5	2022

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IT 101- Introduction to Computing			
1. Introduction to Computer Science	DR. JEAN-CLAUDE FRANCHITTI	e-book	2024
2. Invitation to Computer Science	Schneider	5	2019
3. Illustrated Dictionary of Information Technology	3G Elearning	5	2018
4. Illustrated Dictionary of Computer Hardware & Software	3G Elearning	5	2018
5. Computer System Servicing; 2nd Edition Intermediate	-	5	2018
6. Helping Kids with Coding for Dummies	Camille Mccue	1	2018



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7. Understanding Computers: Today and Tomorrow Comprehensive	Morley & Parkler	5	2017
8. CAMPTIA A+ Guide to Managing and Maintaining your PC: Comprehensive	Jean Andrews	1	2014
9. Information systems essentials	Stair, Ralph M.	1	2012
10. At guide to managing and maintaining your pc with lab exercise: hardware	Andrews, Jean	3	2011
11. Introduction to Computing	by David Evans	e-book	2011
12. Introduction to computers	Norton, Peter	1	2006
13. Introduction to information systems	O'Brien, James A.	1	2005
14. Computing essentials 2004	-	1	2004
15. Microsoft office excel 2003	O'Leary, Timothy J.	4	2004
16. Introduction to information technology	Arbano, Gisela May A.	1	2003
17. Microsoft excel 2002	Haag, Stephen	4	2002
18. Access 2000: a tutorial to accompany Peter Norton's introduction to computers		1	2000

Course Description	Author	No. of copies	Copyright
IT 102- Computer Programming 1			
1. Culturally Responsive Computing: An Introduction into Computer Science, Security, and Technology	Devan J. Walton	e-book	2024
2. Think Java: How To Think Like a Computer Scientist - 2e	Allen B. Downey and Chris Mayfield	e-book	2020
3. Computer science : a structured approach using c++	Gautum, Anju	5	2017
4. Career Guide; Programmer	3G Elearning	5	2017
5. An introduction to programming with c++	Zak, Diane	3	2009

Course Description	Author	No. of copies	Copyright
IT 103- Computer Programming 2			
1. Introduction to Python Programming	UDAYAN DAS	e-book	2024
2. Visual Basic 2017 Made Easy	Dr.Liew	e-book	2017
3. Programming in visual basic 2008	Bradley, Julia Case	3	2006
4. Visual basic .net: how to program	Deitel, H.M.	1	2002
5. Com + programming with visual basic	Mojica, Jose	3	2001
6. Visual basic 6 complete	-	1	1999
7. Programming with microsoft: visual basic	Zak, Diane	1	1999



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IT 314- Web System and Technologies			
1. Programming Persistent Memory: A Comprehensive Guide for Developers	Stteve Scargall	e-book	2020
2. Web Accessibility for Developers	Digital Education Strategies	e-book	2019
3. Illustrated Dictionary of Web Programming	3G Elearning	5	2018
4. New Perspective on HTML5, CSS3 and Javascript	Carey	5	2018
5. Professional Microsoft SQL Server 2016 Reporting Services and Mobile Reports	Paul Turley	5	2017
6. Programming the web: an introduction	Sosinsky, Barrie	1	2004
7. Internet literacy	Hofstetter, Fred T.	3	2001
8. Javascript comprehensive	Gosselin, Don	1	2000
9. Microsoft, internet explorer 5.0	Laudon, Kenneth C.	3	2000
10. dBase IV 1.5 inside & out	Jones, Edward	1	1992
11. Database: a primer	C.J. Date	2	1983

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IT 104-Data Structures and Algorithms			
1. An Open Guide to Data Structures and Algorithms	Paul W. Bible	e-book	2023
2. Think Data Structures: Algorithms and Information Retrieval in Java	Allen B. Downey	e-book	2016
3. Data Structures	Reema Thareja	5	2016
4. The essentials of computer organization and architecture	Null, Linda	1	2015
5. Data structures and algorithms in c++	Drozdek, Adam	1	2007
6. Beginning Algorithms	Simon Harris and James Ross	3	2006
7. Modula-2: programming with data structures	Walker, Billy k.	1	1986
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IT 211- Platform Technologies			
1. An Animated Introduction to Digital Logic Design	John D. Carpinelli	e-book	2023
2. Introduction to Digital Systems Design	Giuliano Donzellini	e-book	2019



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3. Digital Logic & Microprocessor Design with Interfacing	Enoch O. Hwang	5	2018
4. Programming Logic & Design: Comprehensive	Joyce Farrell	5	2018
5. Digital circuit and logic design	-	1	2014
6. Digital Logic and Microprocessor Design With VHDL	Enoch O. Hwang	1	2005
7. Engineering Digital Design	RICHARD F. TINDER	1	2000

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IT 212 Object-Oriented Programming			
1. Object - Oriental modelling for Scientific Computing	Elaine Ferreira Avelino	5	2018
2. Microsoft Visual c# 2017: An Introduction to Object-Oriented Programming	Joyce Farrell	5	2018
3. Java, Java, Java: Object-Oriented Problem Solving	Ralph Morelli	e-book	2016
4. Object-oriented Programming in C#	Kurt Nørmark	e-book	2010

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SMT 401- Computer System Servicing			
1. Basic Electronics and Microprocessor	3G Elearning	5	2017
2. Essentials of Computer Architecture	Douglas Comer	5	2017
3. Computer Organization and Design; ARM Edition	Dawid A. Petterson	5	2017
4. Software Architecture; Principles and Practice	Colt McGarry	5	2017
7. Computer organization and architecture Designing for Performance	William Stalling	e-book	2016
8. The essentials of computer organization and architecture	Linda Nul and Julia Lobur.	e-book	2015
6 FUNDAMENTALS OF COMPUTER ORGANIZATION AND ARCHITECTURE	Mostafa Abd-El-Barr	1	2005
5. The intel microprocessors	Brey, Barry B.	1	2001

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IT 121- Human computer Interaction			
1. Human-computer interaction	-	5	2017
2. Wordcall Sustainability and Computer - Assisted Language Learnig	Ana Gimeno	5	2017



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3. Intelligent Human Computer Interaction	Patrick Horain	e-book	2017
4. Virtual Reality: Human Computer Interaction	Edited by Xin Xing Tang	e-book	2012

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IT 313- System Integration and Architecture			
1. Data communication	-	5	2017
2. Wireless and Mobile Network Architectures	Vishnu Prasad	5	2017
3. Computer Networking: A Top-Down Approach	James F. Kurose	e-book	2017
4. Introduction to Networking	Charles Severance	e-book	2015
5. An Introduction to Computer Networks - Second Edition	Peter Lars Dordal	e-book	2014
6. Basics of Computer Networking	Thomas Robertazzi	e-book	2012
7. Network+ Guide to Networks	Tamara Dean	e-book	2010
8. Building and Integrating Virtual Private Networks with Openswan	Paul Wouters Ken Bantoft	1	2006
9. Ethernet Networks: Design, Implementation, Operation, Management	Gilbert Held	1	2003

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IT 322 Information Assurance and Security			
1. Intelligent Information Management	Gerald i. Prudhomme	5	2018
2. 3GE Collection on Computer Science Computer Simulation	-	5	2018
3. Introduction to Intelligent System	Ryszard Tadeusiewicz	e-book	2011
4. Principles of Intelligent Systems	Peter Lucas and Linda van der Gaag	e-book	2005
5. Artificial Intelligence A Guide to Intelligent Systems	Michael Negnevitsky	e-book	2004

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IT 323- Social and Professional Issues			
1. Special Topics in Information Technology	Barbara Pernici	e-book	2020
2. Information technology management	Mendoza, Charlemagne	5	2017



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3. 5 Steps to a 5 AP Computer Science A 2018	Johnson	5	2017
4. Retail IT management	-	5	2017
5. Informatics in the Future	Hannes Werthner	e-book	2017
6. Law of the internet and information technology	-	5	2016
7. Management information system: managing the digital firm	Laudon, Kenneth C.	1	2010
8. Computer office administration	Santos, Amparo E.	1	2000

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SMT 402- Software Modernization and Legacy Migration			
1. Handbook of Software Engineering Methods - 2nd Edition	Lara Letaw	e-book	2024
2. Evidence-based Software Engineering	Derek M. Jones	e-book	2020
3. Software Engineering	Cersei Page	1	2017
4. The Complete Software Project Manager	Anna P. Muray	1	2016

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IT 106- Application Development and Emerging Technologies			
1. Building Modern Web Applications With Spring Boot and Vaadin : A practical introduction to web application development using Java	Vaadin Team	e-book	2020
2. Computer Applications	3G E-Learning	1	2017
3. Fundamentals of Game Design	Zion Gibson	1	2017
4. Learn BlackBerry 10 App Development: A Cascades-Driven Approach	Anwar Ludin	e-book	2014

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IT 412 System Administration and Maintenance			
1. Fundamentals of Computer Systems A Comprehensive Guide to Computer Systems and Application Software"	Paul Roseline	e-book	2023
2. Operating System Fundamentals	Dr. Umar Khokhar and Dr. Binh Tran	e-book	2023
3. Fundamentals of Information Systems	Stair & Reynold	5	2016
4. The art and science of analyzing software data	-	5	2015



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CS Elect 4- Graphics and Visual Computing			
1. Introduction to Computer Graphics	David J. Eck	e-book	2023
2. Introduction to VISUAL COMPUTING: Core Concepts in Computer Vision, Graphics, and Image Processin	Aditi Majumder	e-book	2018
3. Introducing Technology Computer-Aided Design (TCDA)	Chinmay K. Maiti	5	2017
4. Computer Graphics; Principles and Practice	Ruben Hawkins	5	2017
5. Animation (3D digital): advanced	-	5	2016
6. Adobe Photoshop Revealed	Elizabeth Eisner	5	2015
7. Beginning AUTOCAD 2016 Exercise Workbook for Windows	Cheryl I. Shrock	5	2015

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IT 324- capstone Project 1			
1. Research Methods in Computer Science: The Challenges and Issues	Hossein Hassani	e-book	2017
2. A gentle introduction to effective computing in quantitaive research	Paarsch, harry J.	5	2016
3. Doing social network research: network-based research design for social scientists	Robios, Garry	5	2015
4. Internet marketing intelligence: research tools, techniques, and resources	Forrest, Edward	5	2003
5.			

Prepared by

MARIA ELENA V. BARICUA, RL, MLIS
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