Tagoloan Community College

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT)

CMO 25, s 2015 NEW CURRICULUM EFFECTIVE SCHOOL YEAR 2020 - 2021

FIRST YEAR

Course Code	First Semester	Lec	Lab	TU	Preq
____IT 101	Introduction To Computing	2	1	3	none
____IT 102	Computer Programming 1	2	1	3	none
____IT 103	Integrated Application Software	2	1	3	none
____GEC 1	Understanding the Self	3	0	3	none
____ROTC/CWTS 101	Basic Army Science/CWTS	3	0	3	none
___PATH FIT 1	Movement Competency Training	2	0	2	none
	TOTAL CREDITS	14	3	17	

Course Code	Second Semester	Lec	Lab	TU	Preq
____IT 104	Information Technology Fundamentals	3	0	3	IT 101
____IT 105	Computer Programming 2	2	1	3	IT 102
____IT 106	Digital Logic Design	2	1	3	none
____GEC 2	Readings in Philippine History	3	0	3	none
____ROTC/CWTS 102	Reserved Officer Training Corps/CWTS	3	0	3	R101
___PATH FITt2	Fitness Training	2	0	2	PATH FIT 1
	TOTAL CREDITS	15	2	17	

_____Note: Math prep(Pre-Calculus for NON-STEM(Algebra & Trigo) for GAS, HUMSS, ABM to be taken only

SECOND YEAR

Course Code	First Semester	Lec	Lab	TU	Preq
____IT 107	Application Development & Emerging Technologies	2	1	3	IT 105
____IT 108	Data Structures & Algorithms	2	1	3	IT 105
____IT 109	Fundamentals of Database Systems	2	1	3	IT105
____IT 110	Object Oriented Programming (OOP)	2	1	3	IT105
____IT 111	Social Issues & Professional Issues	3	0	3	IT101/IT104
____GEC 3	The Contemporary World	3	0	3	none
___PATH FIIT3	Dance Sports/In-Dual/Group/Outdoor	2	0	2	PATH FIT 2
	TOTAL CREDITS	16	4	20	

Course Code	Second Semester	Lec	Lab	TU	Preq
____IT 112	Information Management 1	2	1	3	IT 108
____IT 113	Event-Driven Programming	2	1	3	IT108/109/110
____IT 114	Integrative Programming & Technologies 1	2	1	3	IT108/109/110
____IT 115	Human Computer Interaction 1	2	1	3	IT108/109/110
____IT 116	Advanced Database System	2	1	3	IT108/109/110
____GEC 4	Mathematics in the Modern World	3	0	3	none
____GEE 6	Art Appreciation	3	0	3	none
____GEE 8	Ethics	3	0	3	none
___PATH FIT 4	Team Sports	2	0	2	PATH FIT 3
	TOTAL CREDITS	21	5	26	

SUMMER

Course Code	Summer	Lec	Lab	TU	Preq
____IT 117	QualitativeMethods(Modeling&Simulation)	2	1	3	IT108/109/110/112
____IT 118	Human Computer Interaction 2	2	1	3	IT115
____IT Elec 1	System Analysis and Design (SAD)	3	0	3	IT109/110/116
	TOTAL CREDITS	7	2	9	

THIRD YEAR

Course Code	First Semester	Lec	Lab	TU	Preq
____IT 119	System Integration & Architecture 1	2	1	3	IT113/114/115/116
____IT 120	Research1 (Methods of Research in Computing)	3	0	3	IT 112
____IT 121	Information Management 2	2	1	3	IT112
____IT 122	Integrative Programming & Technologies 2	2	1	3	IT114
____IT Elec 2	Computer Graphics	2	1	3	IT 109/116
____GEC 5	Purposive Communication	3	0	3	none
____GEC 7	Science, Technology and Society	3	0	3	none
____GEC 9	Life, Works & Writing of Dr. Jose Rizal	3	0	3	none
____GEE 9	Technoprenuership (The Entrepreneurial Mind)	3	0	3	none
	TOTAL CREDITS	23	4	27	

Course Code	Second Semester	Lec	Lab	TU	Preq
____IT 123	Information Assurance & Security 1	2	1	3	IT119
____IT 124	Networking 1	2	1	3	IT114
____I1 125	Capstone Project 1	3	0	3	1st2nd3rdyr/1stSem
____IT 126	System Integration & Architecture 2	2	1	3	IT119
____IT 127	Platform Technologies	3	0	3	IT119
____IT Elec 3	Computer - Aided Design (CAD)	2	1	3	IT Elective 2
____GEE 4	Living in the IT Era	3	0	3	none
____GEE 7	Gender & Society	3	0	3	none
____GEE 10	Entrepeneural Management	3	0	3	GEE 9
____GEE11	Phil. Indigenous Communities&Peace Studies Education	3	0	3	none
	TOTAL CREDITS	26	4	30	

SUMMER

Course Code	Summer	Lec	Lab	TU	Preq
____IT Elec 4	Fundamentals of Data Warehousing&Data Mining	3	0	3	IT119
____IT Elec 5	Multimedia System	2	1	3	IT Elective 2 & 3
____IT Elec 6	Management Information System(MIS)	3	0	3	IT Elective 1
	TOTAL CREDITS	8	1	9	

FOURTH YEAR

Course Code	First Semester	Lec	Lab	TU	Preq
____IT 128	System Administration and Maintenance	2	1	3	IT123/124/126
____IT 129	Information Assurance & Security 2	2	1	3	IT123
____IT 130	Networking 2	2	1	3	IT124
____IT 131	Web System and Technologies	2	1	3	IT 127
____IT 132	Capstone Project 2	3	0	3	IT125
	TOTAL CREDITS	11	4	15	

Course Code	Second Semester	Lec	Lab	TU	Preq
____ Prac 101	Practicum (486 hours)	6	0	6	100% Completed Core Courses
	TOTAL CREDITS	6	0	6	