

**OPOL COMMUNITY COLLEGE**  
Proposed New Curriculum for Bachelor of Science in Information Technology  
EFFECTIVE SY 2023-2024

FIRST YEAR- FIRST SEM				
SUBJECT CODE	DESCRIPTIVE TITLE	Unit	Hrs/ Week	PRE-REQUISITES
GenEd1	Understanding the Self	3	3	None
GenEd2	Purposive Communication	3	3	None
GenEd3	Mathematics in the Modern World	3	3	None
VED	Good Manners and Right Conduct	3	3	None
PF- 1	Movement Competency Training	2	2	None
NSTP1	CWTS/ROTC/LTS	3	3	None
IT101	Introduction to Computing	3	5	None
IT102	IT Fundamentals	3	3	None
IT103	Programming 1	3	5	None
<b>Total Hrs/Units</b>		26	30	
FIRST YEAR- SECOND SEM				
SUBJECT CODE	DESCRIPTIVE TITLE	Units	Hrs/ Week	PRE-REQUISITES
GenEd4	Readings in Philippine History with IP Educ	3	3	None
GenEd5	The Contemporary World	3	3	None
GenEd E1 1	Gender and Society with Peace Educ	3	3	None
PF- 2	Fitness Training	2	2	PF- 1
NSTP2	CWTS/ROTC/LTS	3	3	NSTP1
IT104	Programming 2	3	5	IT103
IT105	Integrated Application Software	3	5	IT102
IT106	Discrete Mathematics	3	3	GenEd3
<b>Total Hrs/Units</b>		23	27	
SECOND YEAR- FIRST SEM				
SUBJECT CODE	DESCRIPTIVE TITLE	Units	Hrs/ Week	PRE-REQUISITES
GenEd6	Art Appreciation	3	3	None
GenEd7	Science, Technology and Society	3	3	None
GenEd E1 2	Entrepreneurial Mind	3	3	None
RIZAL	Life, Works and Writings of Dr. Jose Rizal	3	3	None
PF-3	Dance Sports/In-Dual/Group/Outdoor	2	2	PF- 2

**OPOL COMMUNITY COLLEGE**

Proposed New Curriculum for Bachelor of Science in Information Technology  
EFFECTIVE SY 2023-2024

IT 201	Accounting for IT	3	3	Regular 2nd Year
IT202	Networking 1	3	5	Regular 2nd Year
IT203	Data Structures and Algorithms	3	5	IT104
IT204	Object- Oriented Programming	3	5	IT104
	<b>Total Units</b>	<b>26</b>	<b>29</b>	
<b>SECOND YEAR- SECOND SEM</b>				
<b>SUBJECT CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>Units</b>	<b>Hrs/ Week</b>	<b>PRE-REQUISITES</b>
GenEd E1 3	Living in the IT Era	3	3	NONE
GenEd8	Ethics	3	3	NONE
LIT	Survey of Philippine Literature in English	3	3	NONE
PF- 4	Team Sport	2	2	PF3
IT205	Networking 2	3	5	IT204
IT206	Human Computer Interaction	3	5	IT204
IT207	Information Management	3	5	IT203
IT208	Web Development	3	5	IT204
	<b>Total Units</b>	<b>23</b>	<b>31</b>	
<b>THIRD YEAR- FIRST SEM</b>				
<b>SUBJECT CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>Units</b>	<b>Hrs/ Week</b>	<b>PRE-REQUISITES</b>
IT301	Platform Technologies 1 (Tangible Technologies)	3	5	IT205
IT302	Information Assurance and Security 1	3	5	IT205
IT303	System Integration and Architecture 1	3	5	IT206, IT 207
IT304	Integrative Programming	3	5	Regular 3rd year
IT305	Application Development and Emerging Technologies	3	5	Regular 3rd year
IT305	Fundamentals of Database Systems	3	5	IT207
	<b>Total Units</b>	<b>18</b>	<b>33</b>	
<b>THIRD YEAR- SECOND SEM</b>				
<b>SUBJECT CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>Units</b>	<b>Hrs/ Week</b>	<b>PRE-REQUISITES</b>
IT307	Information Assurance and Security 2	3	5	IT302
IT308	System Integration and Architecture 2	3	5	IT303

**OPOL COMMUNITY COLLEGE**

Proposed New Curriculum for Bachelor of Science in Information Technology  
EFFECTIVE SY 2023-2024

IT309	Methods of Research in IT	3	5	Regular 3 <sup>rd</sup> Year
IT310	Platform Technologies 2 (Intangible Technologies)	3	5	IT301
IT311	IT Elective 1: Advanced Database System	3	5	Regular 3rd year
IT312	IT Elective: 2 Mobile Application Development	3	5	Regular 3rd year
	<b>Total Units</b>	<b>18</b>	<b>30</b>	
<b>THIRD YEAR- SUMMER</b>				
<b>SUBJECT CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>Units</b>	<b>Hrs/Week</b>	<b>PRE-REQUISITES</b>
IT314	Information Systems	3	5	Regular 3rd year
IT315	Capstone Project and Research 1	3	5	Regular 3rd year
IT316	Social and Professional Issues	3	3	Regular 3rd year
	<b>Total Units</b>	<b>9</b>	<b>13</b>	
<b>Fourth Year- First Semester</b>				
<b>SUBJECT CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>Units</b>	<b>Hrs/Week</b>	<b>PRE-REQUISITES</b>
IT401	Capstone Project and Research 2	3	5	IT315
IT402	Systems Administration and Maintenance	3	5	Regular 4th year
IT403	IT Elective 4: Cloud Computing	3	5	Regular 4th year
IT404	IT Elective 5: Internet of Things	3	5	Regular 4th year
	<b>Total Units</b>	<b>12</b>	<b>20</b>	
<b>Fourth Year- Second Semester</b>				
<b>SUBJECT CODE</b>	<b>DESCRIPTIVE TITLE</b>	<b>Units</b>	<b>Hrs/Week</b>	<b>PRE-REQUISITES</b>
IT405	On-The-Job Training (486 hours)	9	9	100% of the professional courses taken
	<b>Total Units</b>	<b>9</b>	<b>9</b>	

<b>SUMMARY OF COURSES</b>	<b>Units</b>	<b>Totals</b>
<b>I. Professional Course</b>		99
A. Core Courses	84	
B. Elective Courses	15	
<b>II. Non -technical Courses</b>		65
A. Gen Ed Courses	24	
B. GEC Electives	9	
C. GEC Mandated	3	
D. Path Fit Education	8	
E. CWTS -ROTC	6	

**OPOL COMMUNITY COLLEGE**

Proposed New Curriculum for Bachelor of Science in Information Technology  
EFFECTIVE SY 2023-2024

F. OJT	9	
G. Other GEC Courses	6	
<b>TOTAL UNITS</b>		164

\*\* Deleted 2 subjects from the previous curriculum

1. Management Information System (**Reasons of Exclusion:** Most of the course contents are covered already in Information Systems)
2. Human Computer Interaction 2 (**Reasons of Exclusion:** Students will gain sufficient knowledge in Human Computer Interaction 1)