

Republic of the Philippines  
**AURORA STATE COLLEGE OF TECHNOLOGY**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
 Baler, Aurora

*BOT Resolution No: 902 Series of 2008*  
**REVISED CURRICULUM FOR**  
**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**

**Student Number:**

**Date Admitted:**

**Student Name**   
*Last Name, Given Name Middle Name*

**Name of Adviser:**

**FIRST YEAR**

**First Semester**

Descriptive Title	Course Code	Total Units	GRADE	Instructor/Professor	Pre-Req	Sem. S.Y. Taken
IT Fundamentals	IT101	3			None	
Programming 1	IT102	3			None	
Productivity Applications	IT301	3			None	
College Algebra	MATH100	3			None	
Study and Thinking in English	ENGL100	3			None	
General Psychology	SOCSCI100	3			None	
Art Appreciation	HUM100	3			None	
Self-Testing Activities	PE100	2			None	
NSTP 1	NSTP100	3			None	
<b>Total</b>		<b>26</b>				

**Second Semester**

Descriptive Title	Course Code	Total Units	GRADE	Instructor/Professor	Pre-Req	Sem. S.Y. Taken
Programming 2	IT103	3			IT102	
PC Troubleshooting and Maintenance	IT302	3			IT101	
Internet and Web Development	IT104	3			IT102	
Trigonometry	MATH101	3			MATH100	
Communications for IT	IT-ENGL102	3			ENGL100	
Komunikasyon sa Akademikong Pilipino	FIL100	3			None	
Rhythmic Activities	PE101	2			None	
NSTP 2	NSTP101	3			None	
<b>Total</b>		<b>23</b>				

**Summer**

Descriptive Title	Course Code	Total Units	GRADE	Instructor/Professor	Pre-Req	Sem. S.Y. Taken
Practicum	IT501	3			See note	
<b>Total</b>		<b>3</b>				
Name of Agency Practicum Taken <input style="width: 450px;" type="text"/>						

- Student must pass all First Year subjects before being allowed to take Practicum

**SECOND YEAR**

**First Semester**

Descriptive Title	Course Code	Total Units	GRADE	Instructor/Professor	Pre-Req	Sem. S.Y. Taken
Computer Organization	IT105	3			IT103	
Object Oriented Programming	IT202	3			IT103	
Discrete Structures	IT106	3			MATH100	
Accounting Principles	IT201	3			MATH101	
Pagbasa at Pagsulat Tungo sa Pananaliksik	FIL101	3			FIL100	
Environmental Science	NS100	3			None	
Individual and Dual Sports	PE102	2			None	
<b>Total</b>		<b>20</b>				

**Second Semester**

Descriptive Title	Course Code	Total Units	GRADE	Instructor/Professor	Pre-Req	Sem. S.Y. Taken
Database Management Systems 1	IT203	3			IT202	
Operating System Applications	IT205	3			IT105	
Network Technology and Management	IT206	3			IT105	
Probability and Statistics	MATH103	3			MATH100	
Physical Science	NS101	3			None	
Society and Culture w/ Family Planning	SOCSCI101	3			None	
Philosophy of Man	HUM101	3			None	
Team Sports	PE103	2			None	
<b>Total</b>		<b>23</b>				
<b>Associate in IT Totals</b>		<b>95</b>				

**Notes:**

- A certificate in Associate in Information Technology shall be granted to the students after completing the first two years of the curriculum and the summer practicum.
- Students must pass a written and hands-on qualifying exam before being allowed to enroll in the Bachelor of Science in Information Technology (BSIT) program.

**THIRD YEAR****First Semester**

Descriptive Title	Course Code	Total Units	GRADE	Instructor/Professor	Pre-Req	Sem. S.Y. Taken
Systems Analysis and Design	IT207	3			IT204	
Database Management Systems 2	IT204	3			IT203	
JAVA Programming	IT208	3			IT202	
Advanced Communications for e-Business	IT-ENGL 103	3			IT-ENGL102	
Mobile and Wireless Computing	IT303	3			IT206	
Basic Economics w/ Taxation and Agrarian Reform	SOCSCI103	3			None	
Philippines and World Literature	LIT103	3			None	
<b>Total</b>		<b>21</b>				

**Second Semester**

Descriptive Title	Course Code	Total Units	GRADE	Instructor/Professor	Pre-Req	Sem. S.Y. Taken
Software Engineering	IT209	3			IT207	
Multimedia Systems	IT210	3			IT104	
Professional Ethics	IT107	3			IT101	
Quality Systems and Processes	IT401	3			IT101	
Fundamentals of Business and Management with e-Commerce	IT402	3			IT101	
Philippine History with Politics and Governance	PI100	3			None	
Life and Works of Rizal	PI101	3			None	
<b>Total</b>		<b>21</b>				

**FOURTH YEAR****First Semester**

Descriptive Title	Course Code	Total Units	GRADE	Instructor/Professor	Co-Req	Pre-Req	Sem. S.Y. Taken
Internship/OJT/Practicum	IT502	9			Senior Standing	See Note	
<b>Total</b>		<b>9</b>					
Name of Agency Internship Taken							

\*Student must complete 80% (127 units) of the total number of units in the curriculum before being allowed to take the internship/OJT.

**Second Semester**

Descriptive Title	Course Code	Total Units	GRADE	Instructor/Professor	Co-Req	Pre-Req	Sem. S.Y. Taken
Capstone Project (Technopreneurship)	IT211	3			4 <sup>th</sup> Year	IT402	
Open Source Computing	IT304	3			None	IT 105 & IT301	
Information Systems	IT305	3			None	IT204	
Current Trends in IT	IT403	3			None	IT101	
Image and Video Processing	IT404	3			None	IT210	
<b>Total</b>		<b>15</b>					

<b>BSIT TOTALS</b>	<b>161</b>
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Prepared by: \_\_\_\_\_  
Signature over Printed Name of Adviser