

## Information Systems and Technology “Software Applications and Programming”

### MAJOR SHEET

Course Code	Course Title	Credit	Pre-Co Requisites
ENGL-101	Developmental Writing and Reading	3	
ENGL-102	Composition I	3	ENGL-101
<b>Total Communication Skills Credits</b>		<b>6</b>	
HUMN-101	History of Arab Islamic Civilization	3	
<b>Total Humanities Credits</b>		<b>3</b>	
CARD-205	Career Development	2	
<b>Total Personal and Professional Development Credits</b>		<b>2</b>	
MATH-105	Technical Mathematics	4	
MATH -107	College Algebra	4	
<b>Total Mathematics Credits</b>		<b>8</b>	
BSM-223	Project Management	3	
<b>Total Business Credits</b>		<b>3</b>	
IST-101	PC Software	3	
<b>Total Computing Basics Credits</b>		<b>3</b>	
IST-125	Introduction to Programming Using C I	3	
IST-126	Introduction to Programming Using C II	3	IST-125
IST-127	Introduction to Programming	3	
IST-128	Object Oriented Programming	3	IST-127
IST-152	HTML	3	
IST-231	Introduction to Databases	3	
<b>Total Technical Basics Credits</b>		<b>18</b>	
IST-232	SQL Programming	3	IST-231
IST-233	Advanced Programming I	3	IST-127
IST-234	Advanced Programming II	3	IST-233
IST-235	Distributed & Mobile App Development	3	IST-233
IST-236	Data Warehousing and Data Mining	3	IST-231
IST-254	Introduction to XML	3	
IST-249	Final Project	3	Final Semester or VPAA Approval
<b>Total Technical Core Credits</b>		<b>21</b>	
<b>TOTAL PROGRAM CREDITS</b>		<b>64</b>	