



## Course Catalog

### Information Technology

Total Semester Credit Hours: 128

#### Freshman Program

<i>First Semester</i>	<i>Hours</i>
ALIS 1211: Arabic Language / Islamic Studies .....	2
COMM 2311: Oral Communications .....	3
COMM 1311: Written Communication.....	3
UNIV 1211: Professional Development and Competencies.....	2
MATH 1311: Finite Mathematics for Students of Business.....	3
PHYS 1421: Physics for Engineers I.....	4
GEIT 1411: Computer Science I.....	4
<b>Total Hours: .....</b>	<b>21</b>

<i>Second Semester</i>	<i>Hours</i>
ALIS 1212: Arabic Language / Islamic Studies .....	2
PHED 1111: Physical Education .....	1
COMM 1312: Writing and Research.....	3
UNIV 1212: Critical Thinking and Problem Solving.....	2
TBD.....	3
PHYS 1422: Physics for Engineers II.....	4
GEIT 1412: Computer Science II .....	4
<b>Total Hours: .....</b>	<b>19</b>

#### Sophomore Program

<i>First Semester</i>	<i>Hours</i>
ALIS 2211: Arabic Language / Islamic Studies .....	2
ASSE 2111: Learning Outcome Assessment I .....	1
PHED 1112: Physical Education .....	1
UNIV 1213: Leadership and Teamwork.....	2
MATH 1312: Calculus for Students of Business.....	3
MATH 1313: Statistical Methods.....	3
GEIT 2291: Professional Ethics in IT.....	2

**Total Hours: ..... 14**

<i>Second Semester</i>	<i>Hours</i>
ALIS 2212: Arabic Language / Islamic Studies .....	2
COMM 2312: Technical and Professional Communications .....	3
GEIT 1311: Computer Organization I .....	3
ITAP 2431: Network Management.....	4
ITAP 2381: Operations Research .....	3
Social Science Elective* .....	3
<b>Total Hours: .....</b>	<b>18</b>

*\*Select any Social Science course from the College Core Curriculum.*

### Junior Program

<i>First Semester</i>	<i>Hours</i>
TBD.....	2
ASSE 3211: Learning Outcome Assessment II .....	2
GEIT 3341: Database Design .....	3
ITAP 3471: Web Server Management.....	4
ITAP 3383: Enterprise Resource Planning Systems.....	3
<b>Total Hours: .....</b>	<b>14</b>

<i>Second Semester</i>	<i>Hours</i>
TBD.....	2
GEIT 3351: Software Engineering I.....	3
ITAP 3382: Business Intelligence .....	3
ITAP 3431: Network Security .....	4
ITAP 3381: Business Process Redesign .....	3
<b>Total Hours: .....</b>	<b>15</b>

### Senior Program

<i>First Semester</i>	<i>Hours</i>
TBD.....	2
GEIT 4351: Software Engineering II.....	3
ITAP 4371: e-Commerce .....	3
IT Elective*.....	3
Natural Science Elective** .....	4
<b>Total Hours: .....</b>	<b>15</b>

*\*Elective should be selected from COEN 4331: Network Theory, COSC 3343: Database Theory, GEIT 4361: Practical Training, ITAP 4341: Database Management, or ITAP 4372: e-Collaboration*

*\*\*Select any Natural Science course from the College Core Curriculum except Introductory Physics*

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<i>Second Semester</i>	<i>Hours</i>
ASSE 4311: Learning Outcome Assessment III (Capstone) .....	3
MIS Elective* .....	3
Business Elective* .....	3
Social Science Elective** .....	3
<b>Total Hours: .....</b>	<b>12</b>

*\*Elective should be 4000-level course.*

*\*\*Select any Social Science course from the College Core Curriculum.*