

# PROFESSIONAL TECHNOLOGY STUDIES, BS

Campus: Online

## Business Technology Leadership

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
AIT 103	Online Seminar	1
AIT 107	Computer Applications for Telecommunications	4
ENG 120	Critical Writing	4
<b>Credits</b>		<b>9</b>
<b>Spring</b>		
MAT 102 or MAT 125	Mathematics for Life or Technical Math 1	3-4
MGT 150	Managerial and Organizational Concepts	3
<b>Credits</b>		<b>6-7</b>
<b>Summer</b>		
CIT 211	Platform Technologies and Architecture	4
Arts and Sciences Elective		4
<b>Credits</b>		<b>8</b>
<b>Second Year</b>		
<b>Fall</b>		
CYB 201	Introduction to Cybersecurity	4
CIT or AIT Elective (200 level or higher)		4
<b>Credits</b>		<b>8</b>
<b>Spring</b>		
CIT 231	Web Authoring and Digital Media	4
CIT 241	Database Management	4
Business Elective		3
<b>Credits</b>		<b>11</b>
<b>Summer</b>		
MAT 117	Elementary Statistics	4
CIT or AIT Elective (300 level or higher)		4
<b>Credits</b>		<b>8</b>
<b>Third Year</b>		
<b>Fall</b>		
CIT 344	Project Management	4
BUS 101	Contemporary Business Practice	3
<b>Credits</b>		<b>7</b>
<b>Total Credits</b>		<b>57-58</b>

## Computer Forensics

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
AIT 103	Online Seminar	1
AIT 107	Computer Applications for Telecommunications	4
MAT 102	Mathematics for Life	3-4
<b>Credits</b>		<b>8-9</b>

<b>Spring</b>		
CIT 211	Platform Technologies and Architecture	4
Elective		3
<b>Credits</b>		<b>7</b>
<b>Summer</b>		
CIT 221	Global Networking Technology	4
Elective		3
<b>Credits</b>		<b>7</b>
<b>Second Year</b>		
<b>Fall</b>		
CYB 201	Introduction to Cybersecurity	4
CRJ 242	Crime and Public Policy	3
or any 200-level CRJ Course		
Arts and Science Elective		3
<b>Credits</b>		<b>10</b>
<b>Spring</b>		
CIT 361	Digital Forensics Overview	4
CIT 231	Web Authoring and Digital Media	4
<b>Credits</b>		<b>8</b>
<b>Summer</b>		
CIT 363	Computer Forensics, Cyber Law and Evidence Admissibility	4
Elective		3
<b>Credits</b>		<b>7</b>
<b>Third Year</b>		
<b>Fall</b>		
CIT 365	Mobile Device Forensics	4
Elective		3
<b>Credits</b>		<b>7</b>
<b>Spring</b>		
CIT 241	Database Management	4
CRJ 346	Terrorism and Society	3
or CRJ 300	or Homeland Security Strategies	
<b>Credits</b>		<b>7</b>
<b>Total Credits</b>		<b>61-62</b>

## Telecommunications

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
AIT 103	Online Seminar	1
AIT 107	Computer Applications for Telecommunications	4
ENG 120	Critical Writing	4
<b>Credits</b>		<b>9</b>
<b>Spring</b>		
MAT 125	Technical Math 1	4
Arts and Sciences Elective		4
AIT 109	Global Telecommunications Essentials	4
<b>Credits</b>		<b>12</b>
<b>Summer</b>		
CIT 221	Global Networking Technology	4
Arts and Sciences Elective		4
<b>Credits</b>		<b>8</b>

**Second Year****Fall**

Arts and Sciences Elective		4
CIT 211	Platform Technologies and Architecture	4
<b>Credits</b>		<b>8</b>

**Spring**

AIT 111	AC/DC Electrical Circuits for Telecommunications	4
Major Elective Course (AIT, CIT, or TS)		4
<b>Credits</b>		<b>8</b>

**Summer**

Major Elective Course (AIT, CIT, or TS)		4
CIT 252	Overview of Network and Internet Security	3
<b>Credits</b>		<b>7</b>

**Third Year****Fall**

Arts and Sciences Elective		4
Arts and Sciences Elective		4
General Elective		4
AIT 235	Telecommunications II: Signal Transmissions for Telecommunications	4
<b>Credits</b>		<b>16</b>

**Spring**

AIT 381	Emerging Broadband Technologies	4
AIT 383	Emerging Wireless Technologies	4
Arts and Sciences Elective		4
<b>Credits</b>		<b>12</b>

**Summer**

AIT 382	Voice Over Internet Protocol Technologies	4
Arts and Sciences Elective		4
<b>Credits</b>		<b>8</b>

**Fourth Year****Fall**

AIT 371	Fiber Optics	4
IT 603 or IT 605 or IT 607	Overview of Information Security or Database Management Systems or Systems Development and Project Management	3
General Elective		3
<b>Credits</b>		<b>10</b>

**Spring**

General Elective		4
General Elective		4
General Elective		4
<b>Credits</b>		<b>12</b>

**Summer**

Arts and Sciences Elective		3
Arts and Sciences Elective		3
General Elective		4
<b>Credits</b>		<b>10</b>
<b>Total Credits</b>		<b>120</b>