PROFESSIONAL TECHNOLOGY STUDIES, BS

Campus: Online

The BS in Professional Technology Studies is an accelerated degree program designed to prepare students for successful professional careers in a global economy in the midst of rapid technological change. It incorporates a concentrations in either Business Technology Leadership or Computer Forensics with courses in the liberal arts and sciences. The program is for adults who have experience in the workplace and an AS or AA degree or the equivalent (64 credits).

The BS in professional technology studies is offered through the Seidenberg School of Computer Science and Information Systems and supported by Pace Online. This department has traditionally been responsible for lending support to the adult undergraduate student, evaluating prior college-level credit, and evaluating life experience for academic credit. This program is offered through the Pace Online. This degree from Pace's Seidenberg School of Computer Sciences and Information Systems offers a concentration in Computer Forensics and Business Technology Leadership.

Major Completion Summary

Requirement	Credits
Transfer Credits	56-64
Business Technology Leadership	56-64
Computer Forensics Concentration	64
Total Credits	120

Transfer Credits (56-64 Credits)

Transfer Credit Total: 56-64

Business Technology Leadership (56-64 Credits)

57		
Code	Title	Credits
Required Major Courses		
IT Foundation		20
CYB 201	Introduction to Cybersecurity	4
CIT 211	Platform Technologies and Architecture	4
CIT 221	Global Networking Technology	4
CIT 231	Web Authoring and Digital Media	4
CIT 241	Database Management	4
Career Focus		20
BUS 101	Contemporary Business Practice	3
CIT 344	Project Management	4
MGT 150	Managerial and Organizational Concepts	3
CIT or AIT Elective (200 or higher)		
CIT or AIT Elective (300 or higher)		
Liberal Arts and Science Electives		
Select 16 -24 credits		16 -24
Required Courses		
AIT 103	Online Seminar	1
AIT 107	Computer Applications for Telecommunications	4
ENG 110	Composition	3
ENG 120	Critical Writing	4
MAT 102	Mathematics for Life	3-4
or MAT 125	Technical Math 1	
MAT 117	Elementary Statistics	4
Total Credits		56 - 64

Computer Forensics Concentration (56-64 Credits)

Program takes 3 years to complete.

Code	Title	Credits
Computer Forensic Courses		
AIT 103	Online Seminar	1
CYB 201	Introduction to Cybersecurity	4
CIT 211	Platform Technologies and Architecture	4
CIT 221	Global Networking Technology	4
CIT 231	Web Authoring and Digital Media	4
CIT 241	Database Management	4
CIT 361	Digital Forensics Overview	4
CIT 363	Computer Forensics, Cyber Law and Evidence Admissibility	4
CIT 365	Mobile Device Forensics	4
CRJ 242	Crime and Public Policy	3
CRJ 346	Terrorism and Society	3
Arts and Science Electives		16 -21
Recommended Liberal Arts Ele	ctives	
HIS 113W	The American Experience: Wealth and American Culture	
PSY 201	Psychology of Business and Industry	
PSY 243	Applied Social Psychology	
SCI 230	Environmental Science	
SPA 154A	Topic: Hispanic Literature in Translation: L.A. Culture and Literature	
Required Courses		
AIT 107	Computer Applications for Telecommunications	4
ENG 110	Composition	3
ENG 120	Critical Writing	4
MAT 102	Mathematics for Life	3-4
or MAT 125	Technical Math 1	
Total Credits		60

Telecommunications (56-64 Credits)

Code	Title	Credits
AIT 109	Global Telecommunications Essentials	4
AIT 111	AC/DC Electrical Circuits for Telecommunications	4
AIT 235	Telecommunications II: Signal Transmissions for Telecommunications	4
AIT 381	Emerging Broadband Technologies	4
AIT 382	Voice Over Internet Protocol Technologies	4
AIT 371	Fiber Optics	4
AIT 383	Emerging Wireless Technologies	4
CIT 221	Global Networking Technology	4
CIT 211	Platform Technologies and Architecture	4
CIT 252	Overview of Network and Internet Security	3
IT 603	Overview of Information Security	3
or IT 605	Database Management Systems	
or IT 607	Systems Development and Project Management	
Liberal Arts and Science Electives		
Select 34 credits		34
Required Courses		
AIT 103	Online Seminar	1
AIT 107	Computer Applications for Telecommunications	4
ENG 120	Critical Writing	4

MAT 125	Technical Math 1	4
General Electives		
Select 23 credits		23

Business Technology Leadership

Fist Year Fal AIT 103 Online Seminar AIT 107 Computer Applications for Telecommunications ENG 120 Critical Writing ENG 120 Critical Writing WAT 102 Mathematics for Life or MAT 125 or Technical Math 1 MGT 150 Managerial and Organizational Concepts Credits Summer Credits String Arrest colspan="2">Credits Summer Credits Credits Solution to Cybersecurity Credits Solution to Cybersecurity Credits Credits Solution of Cybersecurity Credits Credits Solution of Cybersecurity Credits Credits Credits Credits Credits Credits Credits			
Fall AIT 103 Online Seminar AIT 107 Computer Applications for Telecommunications EN0 120 Circitical Writing Credits Credits Spring MAT 102 MAT 102 Mathematics for Life or Technical Math 1 MGT 150 Managerial and Organizational Concepts Credits Summer Credits CIT 211 Platform Technologies and Architecture Arts and Sciences Elective Credits Second Year Fall CYB 201 Introduction to Cybersecurity CIT or AIT Elective (200 level or higher) Credits Spring Credits Spring Credits Summer Credits Spring Credits Suriness Elective Credits Suriness Elective Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits MAT 117 Elementary Statistics CIT or AI	Course	Title	Credits
AlT 103Online SeminarAlT 107Computer Applications for TelecommunicationsENG 120Cirtical WritingENG 120CreditsSpringMathematics for Life or Technical Math 1MGT 150Managerial and Organizational ConceptsCreditsCreditsSummerCreditsCirt 211Platform Technologies and ArchitectureArts and Sciences ElectiveCreditsSourceCreditsSecond YearCreditsStard Sciences ElectiveCreditsStard Sciences ElectiveCreditsCirt 2A1Introduction to CybersecurityCirt 2A1Database ManagementBusines ElectiveCreditsSummerCreditsStard Science (300 level or higher)CreditsStard Science Science (300 level or higher)CreditsStard Science (
AIT 107 Computer Applications for Telecommunications ENG 120 Critical Writing Credits Credits MAT 102 Mathematics for Life or MAT 125 or Technical Math 1 MGT 150 Managerial and Organizational Concepts Credits Credits Summer Credits Credits Second Year Fall Credits Credits Soft colspan="2">Soft colspan="2">Credits Soft colspan="2">Credits Spring Credits Summer Credits Spring Credits Summer Credits Summer Credits Summer Credits Summer MAT 17 Elementary Statistics Credits Summer MAT 17 Lementary Statistics Credits Credits Credits	Fall		
ENG 120 Critical Writing Spring MAT 102 MAT 102 Mathematics for Life or MAT 125 or Technical Math 1 MGT 150 Managerial and Organizational Concepts Credits Credits Summer Credits CYB 201 Platform Technologies and Architecture Arts and Sciences Elective Credits Second Year Fall CYB 201 Introduction to Cybersecurity CIT 231 Web Authoring and Digital Media CIT 241 Database Management Business Elective Credits Summer Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Summer Summer MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Summer Summer <t< td=""><td>AIT 103</td><td>Online Seminar</td><td>1</td></t<>	AIT 103	Online Seminar	1
Credits Spring MAT 102 Mathematics for Life or MAT 125 or Technical Math 1 MGT 150 Managerial and Organizational Concepts Credits Summer Citedits Credits Second Year Fall Credits Second Year Credits Fall Credits Spring Credits Credits Spring Credits Spring Credits Spring Credits Spring Credits Summer Mat 117 Elementary Statistics Credits Summer MAT 117 Elementary Statistics Credits Summer MAT 117 Elementary Statistics Cli cols	AIT 107	Computer Applications for Telecommunications	4
Spring MAT 102 Mathematics for Life or TAT 125 or Technical Math 1 MGT 150 Managerial and Organizational Concepts Credits Summer Credits CIT 21 1 Platform Techniologies and Architecture Arts and Sciences Elective Credits Second Year Credits Spring Credits Suring Credits Suring Database Management Business Elective Credits Summer Credits MAT 117 Elementary Statistics GIT or AIT Elective (300 level or hights) Credits MAT 117 Elementary Statistics GIT or AIT Elective (300 level or hights) Credits MAT 117 Elementary Statistics GIT or AIT Elective (300 level or hights) Credits Sufficience Credits Sufficience Credits <td>ENG 120</td> <td>Critical Writing</td> <td>4</td>	ENG 120	Critical Writing	4
MAT 102 Mathematics for Life or MAT 125 or Technical Math 1 MGT 100 Managerial and Organizational Concepts Credits Summer Credits Credits Second Year Fall Credits Credits Source Year Fall Credits Credits Source Year Fall Credits Credits Source Year Source Year Source Year Source Year Credits Source Year Source Year Source Year Source Year Credits Source Year <		Credits	9
or MAT 125 or Technical Math 1 MGT 150 Managerial and Organizational Concepts Credits Summer Platform Technologies and Architecture Arts and Sciences Elective Credits Second Year Fall CYB 201 Introduction to Cybersecurity CIT or AIT Elective (200 level or higher) Credits Spring Credits String Credits String Utabase Management Business Elective Database Management GT 07 AIT Elective (300 level or higher) Credits Summer Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Summer Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits CIT 344 Project Management Fall Credits String Credits	Spring		
MGT 150 Managerial and Organizational Concepts Credits Summer CIT 211 Platform Technologies and Architecture Arts and Sciences Elective Credits Second Year Fall Credits Credits Spring Credits Summer Credits Summer Summer MAT 117 Elementary Statistics Credits Summer Credits Credits Summer Credits Credits Credits Credits Credits Credits Credits			3-4
Credits Summer CIT 211 Platform Technologies and Architecture Arts and Sciences Elective Credits Second Year Fall CYB 201 Introduction to Cybersecurity CIT or AIT Elective (200 level or higher) Credits Spring CIT 231 Web Authoring and Digital Media CIT 241 Database Management Business Elective Credits Summer Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Summer Credits Summer Flal CIT or AIT Elective (300 level or higher) Credits CIT or AIT Elective (300 level or higher) Credits Summer Flal CIT or AIT Elective (300 level or higher) Credits Summer Credits Summer Credits Summer Credits Summer Credits CIT 344 Project Management BUS 101 Contemporary Business Practice	or MAT 125		
Summer CIT 211 Platform Technologies and Architecture Arts and Sciences Elective Credits Second Year Fall CYB 201 Introduction to Cybersecurity CIT or AIT Elective (200 level or higher) Credits Spring CIT 231 Web Authoring and Digital Media CIT 241 Datasee Management Business Elective Matt 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Matt 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Fall Credits Summer Credits CIT 344 Project Management Elementary Statistics CIT 344 Project Management Elementary Statistics CIT 344 Project Management BUS 101 Contemporary Business Practice	MGT 150	Managerial and Organizational Concepts	3
CIT 211 Platform Technologies and Architecture Arts and Sciences Elective Credits Second Year Fall CYB 201 Introduction to Cybersecurity Credits Spring Credits Spring Credits Spring Credits Business Elective Credits Summer MAT 117 Elementary Statistics Credits Third Year Fall Credits Summer		Credits	6-7
Arts and Sciences Elective Credits Second Year Fall CYB 201 Ort AIT Elective (200 level or higher) Credits Spring CIT 231 Web Authoring and Digital Media CIT 231 Web Authoring and Digital Media CIT 231 Meb Authoring and Digital Media CIT 241 Database Management Business Elective Credits Summer MAT 117 Elementary Statistics CIT AIT Elective (300 level or higher) Third Year Fail CIT 344 Project Management BUS 101 Contemporary Business Practice CIT 344	Summer		
Credits Second Year Fall CYB 201 Introduction to Cybersecurity CIT or AIT Elective (200 level or higher) Caredits Spring CIT 231 Web Authoring and Digital Media CIT 241 Database Management Business Elective Credits Summer Credits Summer Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall Fall Credits Summer Credits Summer Credits Bus 101 Contemporary Business Practice CIT 344 Project Management BUS 101 Contemporary Business Practice		Platform Technologies and Architecture	4
Second Year Fall CYB 201 Introduction to Cybersecurity CIT or AIT Elective (200 level or higher) Credits Spring CIT 231 Web Authoring and Digital Media CIT 241 Database Management Business Elective Credits Summer Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall GIT 344 Project Management BUS 101 Contemporary Business Practice GIT 344 Project Management	Arts and Sciences Elective		4
Fall CYB 201 Introduction to Cybersecurity CIT or AIT Elective (200 level or higher) Credits Spring Credits CIT 231 Web Authoring and Digital Media CIT 241 Database Management Business Elective Credits Summer Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall Fall Fall GIT 344 Project Management BUS 101 Contemporary Business Practice Gredits Contemporary Business Practice		Credits	8
CYB 201 Introduction to Cybersecurity CIT or AIT Elective (200 level or higher) Credits Spring CIT 231 CIT 231 Web Authoring and Digital Media CIT 241 Database Management Business Elective Credits Summer Credits MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall Fall Forject Management BUS 101 Contemporary Business Practice LIT 344 Project Management	Second Year		
Credits Spring CIT 231 Web Authoring and Digital Media CIT 241 Database Management Business Elective Credits Summer MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall CIT 344 CIT 344 Project Management BUS 101 Contemporary Business Practice Credits Contemporary Business Practice	Fall		
Credits Spring CIT 231 Web Authoring and Digital Media CIT 241 Database Management Business Elective Credits Credits Summer Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall Fall Forject Management BUS 101 Contemporary Business Practice Credits Contemporary Business Practice	CYB 201	Introduction to Cybersecurity	4
Spring CIT 231 Web Authoring and Digital Media CIT 241 Database Management Business Elective Credits Summer MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall CIT 344 Project Management BUS 101 Contemporary Business Practice Credits Contemporary Business Practice	CIT or AIT Elective (200 leve	l or higher)	4
CIT 231 Web Authoring and Digital Media CIT 241 Database Management Business Elective Credits Summer Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall Fall Foject Management EUS 101 Contemporary Business Practice Credits Credits		Credits	8
CIT 241 Database Management Business Elective Credits Summer Image Management MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall Fall CIT 344 Project Management Contemporary Business Practice BUS 101 Credits	Spring		
Credits Summer MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall CIT 344 Project Management BUS 101 Contemporary Business Practice Credits	CIT 231	Web Authoring and Digital Media	4
Credits Summer MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall CIT 344 Project Management BUS 101 Contemporary Business Practice Credits	CIT 241	Database Management	4
Summer MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall CIT 344 Project Management BUS 101 Contemporary Business Practice Credits	Business Elective		3
MAT 117 Elementary Statistics CIT or AIT Elective (300 level or higher) Credits Third Year Fall CIT 344 Project Management BUS 101 Contemporary Business Practice Credits		Credits	11
CIT or AIT Elective (300 level or higher) Credits Third Year Fall CIT 344 Project Management BUS 101 Contemporary Business Practice Contemporary Business Practice Credits	Summer		
Credits Third Year Fall CIT 344 Project Management BUS 101 Contemporary Business Practice Credits	MAT 117	Elementary Statistics	4
Third Year Fall CIT 344 Project Management BUS 101 Contemporary Business Practice Credits	CIT or AIT Elective (300 leve	l or higher)	4
Fall CIT 344 Project Management BUS 101 Contemporary Business Practice Credits		Credits	8
CIT 344 Project Management BUS 101 Contemporary Business Practice Credits	Third Year		
BUS 101 Contemporary Business Practice Credits	Fall		
BUS 101 Contemporary Business Practice Credits	CIT 344	Project Management	4
	BUS 101		3
Total Oradita		Credits	7
Total Gredits		Total Credits	57-58

Computer Forensics

Course	Title	Credits
First Year		
Fall		
AIT 103	Online Seminar	1
AIT 107	Computer Applications for Telecommunications	4
MAT 102	Mathematics for Life	3-4
	Credits	8-9
Spring		
CIT 211	Platform Technologies and Architecture	4

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

Telecommunications

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

Second Year		
Fall		
Arts and Sciences Elective		4
CIT 211	Platform Technologies and Architecture	4
	Credits	8
Spring		
AIT 111	AC/DC Electrical Circuits for Telecommunications	4
Major Elective Course (AIT, CIT, o	or TS)	4
	Credits	8
Summer		
Major Elective Course (AIT, CIT, o	or TS)	4
CIT 252	Overview of Network and Internet Security	3
	Credits	7
Third Year	orcato	
Fall		
Arts and Sciences Elective		4
Arts and Sciences Elective		
General Elective		4
AIT 235	Telecommunications II: Signal Transmissions for Telecommunications	4
ATT 255	-	
Que in a	Credits	16
Spring		
AIT 381	Emerging Broadband Technologies	4
AIT 383	Emerging Wireless Technologies	4
Arts and Sciences Elective		4
	Credits	12
Summer		
AIT 382	Voice Over Internet Protocol Technologies	4
Arts and Sciences Elective		4
	Credits	8
Fourth Year		
Fall		
AIT 371	Fiber Optics	4
IT 603	Overview of Information Security	3
or IT 605	or Database Management Systems	
or IT 607	or Systems Development and Project Management	
General Elective		3
	Credits	10
Spring		
General Elective		4
General Elective		4
General Elective		4
	Credits	12
Summer		
Arts and Sciences Elective		3
Arts and Sciences Elective		3
General Elective		4
	Credits	10
	Total Credits	120