APPLIED INFORMATION TECHNOLOGY, AS

Campus: Online

Major Completion Summary

For further information about the Associate Degree in Applied Information Technology please visit the website (https://nactel.pace.edu/as-program-description/).

Requirement	Credits
Required Foundation/Core Courses	13
General Education	16
Major Requriements	19-20
Concentration	12
Open Electives	4-5
Total	64

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		
CIT 211	Platform Technologies and Architecture	4
Arts and Sciences Elective		4
	Credits	8
Spring		
AIT 111	AC/DC Electrical Circuits for Telecommunications	4
General Elective		4
CIT 251	Computer Security Overview	4
	Credits	12
Third Year		
Fall		
ENG 201	Writing in the Disciplines	3
AIT 235	Telecommunications II: Signal Transmissions for Telecommunications	7
	Credits	7
Spring		
AIT or CIT or TS Major Elective		4

Arts and Sciences Elective		4
	Credits	8
	Total Credits	64
Cybersecurity		
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		3
AIT 109	Global Telecommunications Essentials	4
	Credits	11
Summer		
MAT 117	Elementary Statistics	4
CIT 261	Introduction to Coding Using Python	4
011 201	Credits	8
Second Year	oreard	·
Fall		
CIT 211	Platform Technologies and Architecture	1
Arts and Sciences Elective	Flationii Technologies and Alcintecture	4
Aits and Sciences Liective	Credits	8
Spring	Geuis	0
Spring AIT 235	Talacammunications II: Signal Transmissions for Talacammunications	4
CIT 251	Telecommunications II: Signal Transmissions for Telecommunications Computer Security Overview	4
G11 231		4
0	Credits	8
Summer	Olahal Mahusaykin na Talaha alamu	
CIT 221	Global Networking Technology	4
CIT 254	Overview of Computer Forensics	3
T : 17	Credits	7
Third Year		
Fall		
Arts and Sciences Elective		4
Arts and Sciences Elective		4
	Credits	8
Spring		
General Elective		2
CIT 252	Overview of Network and Internet Security	3
	Credits	5
	Total Credits	64
Mobile Technologie	es ·	
Course	Title	Credits
First Year	THE STATE OF THE S	Gredits
Fall		
		1
AIT 102		
AIT 103 AIT 107	Online Seminar Computer Applications for Telecommunications	1 4

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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
ENG 201	Writing in the Disciplines	7
	Credits	7
Second Year		
Fall		
AIT 235	Telecommunications II: Signal Transmissions for Telecommunications	4
AIT 263	Mobile Technology	4
	Credits	8
Spring		
AIT 111	AC/DC Electrical Circuits for Telecommunications	4
CIT 251	Computer Security Overview	4
_	Credits	8
Summer		
AlT or CIT or TS Major Elective		4
Arts and Sciences Elective	Overdian	4 8
Third Year	Credits	8
Fall		
Arts and Sciences Elective		4
Arts and Sciences Elective		4
General Elective		4
	Credits	12
	Total Credits	64
	Total ofculto	04
Networking		
Course	Title	Credits
First Year		0.04.10
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		

Second Year

CIT 221

ENG 201

Fall

AIT 235 Telecommunications II: Signal Transmissions for Telecommunications

Global Networking Technology

Writing in the Disciplines

Credits

Applied Information Technology, AS

CIT 211	Platform Technologies and Architecture	4
	Credits	8
Spring		
AIT 111	AC/DC Electrical Circuits for Telecommunications	4
CIT 251	Computer Security Overview	4
	Credits	8
Summer		
AIT or CIT or TS Major Elective		4
Arts and Sciences Elective		4
	Credits	8
Third Year		
Fall		
Arts and Sciences Elective		4
Arts and Sciences Elective		4
General Elective		4
	Credits	12
	Total Credits	64
Window National	in a managaritati	
Wireless Networki	ing Essentials	
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
ENG 201	Writing in the Disciplines	3
	Credits	7
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
CIT 251	Computer Security Overview	4
	Credits	8
Summer		
AIT or CIT or TS Major Elective		4
AIT 233	Wireless LANs	4
	Credits	8
Third Year		
Fall		
Arts and Sciences Elective		4
Arts and Sciences Elective		4

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General Elective	4
Credits	12
Total Credits	64