

IT Specialist Program Roadmap to Success 2014-15

Recommended Course Sequence:

Certificate

Fall Semester – Year 1

CITS F203 IT Support Fundamentals
CITS F204 Intro to Network Support and Administration
CIOS/CITS course (3)*
ABUS F154 Human Relations
ENGL F111X, ABUS F170, COMM F131X or F141X

Spring Semester – Year 1

CITS F212 Server Operating Systems
CITS F261 Computer and Network Security
CIOS/CITS course (3)*
CIOS/CITS course (3)*
MATH/CS 100 Level+, or ABUS 155, or DEVM 105

Recommended Course Sequence:

A.A.S. – Computer Technology Support

Fall Semester – Year 1

CITS F203 IT Support Fundamentals (4)
CITS F204 Intro to Network Support & Administration (3)
CITS course (3)*
MATH/CS 100 Level+ or DEVM F105 (3)
ENGL F111X Intro to Academic Writing (3)

Spring Semester – Year 1

CITS F212 Server Operating Systems (3)
CITS F261 Computer and Network Security (3)
CITS F205 Intro to Microcomputer Programming,
or CS F103, F201 or F205 (3)
COMM F131X or F141X (3)
ENGL F211X, F212, or F213X or ABUS F271 (3)

Fall Semester – Year 2

CITS F281 Professional Practices in IT (3)
CITS course (3)*
CITS course (3)*
CIOS, CITS, CS Elective (3)
ABUS F154 Human Relations (3)

Spring Semester – Year 2

CITS F284 Independent Project (3)
CITS course (3)*
CITS course (3)*
CIOS, CITS, CS Elective (3)
General Elective (3)

Recommended Course Sequence:

A.A.S. – Network and System Administration

Fall Semester – Year 1

CITS F203 IT Support Fundamentals (4)
or CIOS, CITS, CS Elective (3)
CITS F204 Intro to Network Support & Administration (3)
MATH/CS 100 Level+ or DEVM F105 (3)
ABUS F154 Human Relations (3)
ENGL F111X Intro to Academic Writing (3)

Spring Semester – Year 1

CITS F212 Server Operating Systems (3)
CITS F261 Computer & Information Security (3)
CITS F205 Intro to Microcomputer Programming,
or CS F103, F201 or F205 (3)
COMM F131X or F141X (3)
ENGL F211X, F212, or F213X or ABUS F271 (3)

Fall Semester – Year 2

CITS F241 Network and LAN Infrastructure Basics (4)
CITS F242 Routers and Routing Concepts (4)
CITS F240 System & Network Services Administration (3)
CITS F281 Professional Practices in IT (3)
CIOS, CITS or CS Elective (3)

Spring Semester – Year 2

CITS F243 Intermediate LAN & Network Infrastructure (4)
CITS F244 Advanced Network Infrastructure Services (4)
CITS F265 Directory Services Administration (3)
CITS F284 Independent Project (3)

IT Specialist Program Roadmap to Success 2014-15

Recommended Course Sequence:

A.A.S. – Network and Cybersecurity

Fall Semester – Year 1

CITS F203 IT Support Fundamentals (4)
or CIOS, CITS, CS Elective (3)
CITS F204 Intro to Network Support & Administration (3)
MATH/CS 100 Level+ or DEVM F105 (3)
ABUS F154 Human Relations (3)
ENGL F111X Intro to Academic Writing (3)

Fall Semester – Year 2

CITS F241 Network and LAN Infrastructure Basics (4)
CITS F242 Routers and Routing Concepts (4)
CITS F262 Cybersecurity Defense & Countermeasures (3)
CITS F281 Professional Practices in IT (3)
CIOS, CITS or CS Elective (3)

Spring Semester – Year 1

CITS F212 Server Operating Systems (3)
CITS F261 Computer & Information Security (3)
CITS F205 Intro to Microcomputer Programming,
or CS F103, F201 or F205 (3)
COMM F131X or F141X (3)
ENGL F211X, F212, or F213X or ABUS F271 (3)

Spring Semester – Year 2

CITS F243 Intermediate LAN & Network Infrastructure (4)
CITS F244 Advanced Network Infrastructure Services (4)
CITS F263 Network Security Penetration Testing (3)
CITS F284 Independent Project (3)