



DATA SUPPORT SPECIALIST CERTIFICATE

Required Courses (C25500A)

18 Credit Hours

Course	Credit Hours	Title	Notes
BAS 110	3	Business Analytics I	
CTI 110	3	Web, Programming and DB Foundations	
DBA 110	3	Database Concepts	
DBA 120	3	Database Programming	
DBA 240	3	Database Analysis and Design	
DBA 220 or DBA 221 or DBA 223	3	Oracle Database Programming II or SQL Server DB Programming II or MYSQL DB Programming II	
Total: 18			

PRODUCTIVITY SOFTWARE CERTIFICATE

Required Courses (C25500C)

15 Credit Hours

Course	Credit Hours	Title	Notes
BAS 110	3	Business Analytics I	
CIS 110	3	Introduction to Computers	
CTS 130	3	Spreadsheet	
CTS 240	3	Project Management	
DBA 110	3	Database Concepts	
Total: 15			

IT ACCOUNTING TECH

Required Courses (C25500F)

14-15 Credit Hours

Course	Credit Hours	Title	Notes
ACC 120	4	Principles of Financial Accounting	
ACC 150	2	Accounting Software Applications	
CIS 110 or CIS 111	3/2	Introduction to Computers or Basic PC Literacy	
CTI 120	3	Network and Security Foundations	
CTS 130	3	Spreadsheet	
Total: 14-15			

IT GOVERNMENT/CONTRACTING CERTIFICATE

Required Courses (C25500G)

18 Credit Hours

Course	Credit Hours	Title	Notes
CIS 110	3	Introduction to Computers	
CTI 120	3	Network and Security Foundations	
CTS 130	3	Spreadsheet	
CTS 240	3	Project Management	
DBA 110	3	Database Concepts	
SEC 110	3	Security Concepts	
Total: 18			



MEDICAL OFFICE TECH CERTIFICATE

Required Courses (C25500H)

17-18 Credit Hours

Course	Credit Hours	Title	Notes
CIS 110 Or CIS 111	3/2	Introduction to Computers or Basic PC Literacy	
CTI 120	3	Network and Security Foundations	
DBA 110	3	Database Concepts	
MED 121	3	Medical Terminology I	
OST 148	3	Medical Coding, Billing & Insurance	
OST 243	3	Medical Office Simulation	
Total: 17-18			

WEB DEVELOPMENT SPECIALIST CERTIFICATE

Required Courses (C25500J)

18 Credit Hours

Course	Credit Hours	Title	Notes
CIS 115	3	Intro to Programming & Logic	
CTI 110	3	Web, Programming & DB Foundations	
DBA 120	3	Database Programming	
DBA 223	3	MySQL DB Programming II	
WEB 115	3	Web Markup and Scripting	
WEB 210	3	Web Design	
Total: 18			



JAVA PROGRAMMING CERTIFICATE

Required Courses (C25500Z)

15 Credit Hours

Course	Credit Hours	Title	Notes
CIS 115	3	Intro to Programming & Logic	
CTI 110	3	Web, Programming & DB Foundations	
CSC 151	3	Java Programming	
CSC 153	3	C# Programming	
CSC 251	3	Advanced Java Programming	
Total: 15			

CYBER SECURITY CONCEPTS CERTIFICATE (#Career and College Promise)

Required Courses (C25500M)

15 Credit Hours

Course	Credit Hours	Title	Notes
CTI 120	3	Network and Security Foundations	
CTS 115	3	Information Systems Business Concepts	
NET 125	3	Networking Basics	
NOS 110	3	Operating Systems Concepts	
SEC 110	3	Security Concepts	
Total: 15			

INFORMATION ASSURANCE CONCEPTS CERTIFICATE

Required Courses (C25500N)

18 Credit Hours



Course	Credit Hours	Title	Notes
CTI 110	3	Web, Programming & DB Foundations	
CTI 120	3	Network and Security Foundations	
CTS 115	3	Information Systems Business Concepts	
ENG 111	3	Writing and Inquiry	
NOS 110	3	Operating Systems Concepts	
SEC 110	3	Security Concepts	
Total: 18			

CYBER SECURITY ADMINISTRATION CERTIFICATE

Required Courses (C255000)

15 Credit Hours

Course	Credit Hours	Title	Notes
CTI 120	3	Network and Security Foundations	
NET 125	3	Networking Basics	
SEC 110	3	Security Concepts	
SEC 150	3	Secure Communications	
SEC 160	3	Secure Administration I	
Total: 15			

CYBER SECURITY TECHNICIAN CERTIFICATE

Required Courses (C25500P)

15 Credit Hours

Course	Credit Hours	Title	Notes
CTI 120	3	Network and Security Foundations	
NET 125	3	Networking Basics	
SEC 110	3	Security Concepts	



SEC 160	3	Secure Administration I	
SEC 260	3	Secure Administration II	
Total: 15			

SECURITY+ PREP CERTIFICATE

Required Courses (C25500Q)

12 Credit Hours

Course	Credit Hours	Title	Notes
CTI 110	3	Web, Programming & DB Foundations	
CTI 120	3	Network and Security Foundations	
NOS 110	3	Operating Systems Concepts	
SEC 110	3	Security Concepts	
Total: 12			

NETWORK MANAGEMENT CORE CERTIFICATE

Required Courses (C25500R)

15 Credit Hours

Course	Credit Hours	Title	Notes
CTI 110	3	Web, Programming & DB Foundations	
CTI 120	3	Network and Security Foundations	
CTS 115	3	Information Systems Business Concepts	
ENG 111	3	Writing and Inquiry	
NOS 110	3	Operating Systems Concepts	
Total: 15			

WINDOWS OPERATING SYSTEMS CERTIFICATE

Required Courses (C25500S)

12 Credit Hours

Course	Credit Hours	Title	Notes
CTI 120	3	Network and Security Foundations	
NOS 110	3	Operating Systems Concepts	
NOS 130	3	Windows Single User	
NOS 230	3	Windows Administration I	
Total: 12			

LINUX OPERATING SYSTEMS CERTIFICATE

Required Courses (C25500T)

12 Credit Hours

Course	Credit Hours	Title	Notes
CTI 120	3	Network and Security Foundations	
NOS 110	3	Operating Systems Concepts	
NOS 120	3	Linux Single User	
NOS 220	3	Linux Administration I	
Total: 12			

A+ PREP CERTIFICATE (#Career and College Promise)

Required Courses (C25500U)

15 Credit Hours

Course	Credit Hours	Title	Notes
CIS 110	3	Introduction to Computers	



CTI 120	3	Network and Security Foundations	
CTS 120	3	Hardware/Software Support	
NOS 110	3	Operating Systems Concepts	
NOS 130	3	Windows Single User	
Total: 15			

CISCO CCNA PREP CERTIFICATE

Required Courses (C25500V)

12 Credit Hours

Course	Credit Hours	Title	Notes
NET 125	3	Networking Basics	
NET 126	3	Routing Basics	
NET 225	3	Routing and Switching I	
NET 226	3	Routing and Switching II	
Total: 12			

OPERATING SYSTEMS SURVEY CERTIFICATE

Required Courses (C25500W)

12 Credit Hours

Course	Credit Hours	Title	Notes
CTI 120	3	Network and Security Foundations	
NOS 110	3	Operating Systems Concepts	
NOS 120	3	Linux Single User	
NOS 130	3	Windows Single User	
Total: 12			

ENTRY LEVEL COMPUTER TECHNICIAN CERTIFICATE (#Career and College Promise)

Required Courses (C25500X)
15 Credit Hours

Course	Credit Hours	Title	Notes
CIS 110	3	Introduction to Computers	
CTI 120	3	Network and Security Foundations	
NOS 110	3	Operating Systems Concepts	
NOS 130	3	Windows Single User	
SEC 110	3	Security Concepts	
Total: 15			

For More Information

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