

Computer Network Administration (NETA & NETAC)

Computer Network Administration (NETA)

Students in the Computer Network Administration program learn to plan, implement, analyze, and administer local, campus-wide, metropolitan, and wide-area networks. Students develop expertise in all facets of networking including operating systems, network hardware, server administration, and virtualization.

Graduates earn an Associate of Applied Science degree and are proficient with server setup and configuration, network security measures, messaging, network wiring, and network help desk operations. In addition, the program prepares students to qualify for several technical certifications.

For more information, please contact the Center for Innovative Technologies at (513) 569-1743.

To apply for this program at Cincinnati State, visit the Admissions (<http://www.cincinnati.edu/academics/admission>) section of the College website.

Computer Network Administration Certificate (NETAC)

The Computer Network Administration Certificate prepares students to implement and administer both client-based and server-based systems.

Students develop expertise in computer operating systems, network operating systems, server administration, and server configuration.

In addition, the certificate prepares students to qualify for Microsoft technical certification.

For more information, please contact the Center for Innovative Technologies at (513) 569-1743.

To apply for this program at Cincinnati State, visit the Admissions (<http://www.cincinnati.edu/academics/admission>) section of the College website.

Computer Network Administration (NETA)

Semester 1		Lec	Lab	Credits
ENG 101	English Composition 1 (G)	3	0	3
IT 105	Information Technology Concepts (B)	2	3	3
IT 115	Operating Systems Administration 1 (B)	2	3	3
NETA 120	Computer Virtualization (T)	2	3	3
CIT 190	Career Preparation: Engineering and Information Technologies (B)	1	0	1

FYE 1XX	First Year Experience Elective (B)	1	0	1
Semester 2				
IT 116	Operating Systems Administration 2 (B)	2	3	3
NETA 115	Networking Essentials (T)	2	3	3
NETA 155	Server Administration 1 (T)	3	2	4
MAT 121	Technical Algebra and Geometry with Statistics (G)	2	2	3
ENG 1XX	English Composition Elective (G)	3	0	3
Semester 3				
NETA 291	Full-Time Cooperative Education 1: Computer Network Administration (T)	1	40	2
Semester 4				
NETA 135	Information Technology Support Desk Concepts (T)	3	2	4
NETA 256	Server Administration 2 (T)	3	2	4
NETA 265	Server Configuration (T)	3	2	4
XXX XXX	Social/Behavioral Science Elective (G)	3	0	3
Semester 5				
NETA 125	Open Source Operating Systems and Applications (T)	2	3	3
NETA 290	Computer Network Administration Capstone (T)	1	6	4
COMM 110	Public Speaking (B)	3	0	3
XXX XXX	Arts/Humanities Elective (G)	3	0	3
XXX XXX	Business Elective (B)	3	0	3
Semester 6				
NETA 292	Full-Time Cooperative Education 2: Computer Network Administration (T)	1	40	2

Total Credits: 49 114 65

Electives

First Year Experience Elective

FYE 100	College Survival Skills	1
FYE 105	College Success Strategies	2
FYE 110	Community College Experience	3

English Composition Elective

ENG 102	English Composition 2: Contemporary Issues	3
ENG 103	English Composition 2: Writing about Literature	3

ENG 104	English Composition 2: Technical Communication	3
ENG 105	English Composition 2: Business Communication	3
Social/Behavioral Science Elective		
Any ECO, GEO, HST, LBR, POL, PSY, SOC		
Arts/Humanities Elective		
Any ART, CULT, FRN, SPN, LIT, MUS, PHI, REL, THE, or COMM 130		
Business Elective		
ACC 101	Financial Accounting	3
LAW 101	Business Law	3
MGT 101	Principles of Management	3

The letters G, B, and T (displayed after course titles or elective descriptions) identify types of courses required by the Ohio Department of Higher Education as part of an associate's degree curriculum.

G = General Education course in this curriculum

B = Basic Skills course in this curriculum

T = Technical course in this curriculum

Computer Network Administration Certificate (NETAC)

Semester 1		Lec	Lab	Credits
IT 105	Information Technology Concepts	2	3	3
IT 115	Operating Systems Administration 1	2	3	3
NETA 120	Computer Virtualization	2	3	3
Semester 2				
NETA 155	Server Administration 1	3	2	4
IT 116	Operating Systems Administration 2	2	3	3
NETA 115	Networking Essentials	2	3	3
Semester 3				
NETA 135	Information Technology Support Desk Concepts	3	2	4
NETA 256	Server Administration 2	3	2	4
NETA 265	Server Configuration	3	2	4
Total Credits:		22	23	31

Computer Network Administration (NETA)

- Ability to use resources to solve technical problems involving operating systems and server software.
- Ability to manage multiple operating systems, systems software, and network services.
- Ability to understand compliance issues and corporate and federal compliance regulations.
- Ability to function independently and as a member of a team.
- Ability to effectively communicate technical information verbally, in writing, and in presentations.
- Ability to manage multiple tasks and deadlines.

- Ability to demonstrate professionalism in the workplace and maintain user/client confidentiality.

Faculty

Program Chair/Advisor

Professor Jeffrey Vetter, BS, BA
jeffrey.vetter@cincinnatiastate.edu

Co-op Coordinator

Professor Noelle Grome, ME, MA
noelle.grome@cincinnatiastate.edu