Network & Server Administration AAS – 533J
Requirements Effective Fall 2023
Program Planning Sheet

Program Description: This 2-year Associate of Applied Science degree program is focused on networking, and operating system configuration, management, and security. The curriculum includes information security concepts and best-practices, and industry certification preparation.

Prerequisites: Many classes have prerequisites. Prerequisites are those classes that prove eligibility for entry-level classes by testing or by having satisfied prior course work. Course work earned at other institutions must be unofficially evaluated or approved by a program advisor before registering. Courses in this degree with pre-requisites are marked with an asterisk (*). See catalog for more information.

Network & Server Administration AAS Prerequisites: Placement into ENGL&101, Placement into MATH 084 (or higher)
Note: Advanced placement testing, work experience, and transfer of credits may result in course waivers, credit transfer, and advanced placement.

Program Requirements		
Course Number	**General Education/Related Instruction Requirements (20 credits)**	**Credit Hours**
EET 109*	Mathematical Applications for Circuit Analysis	5
BUS 236	Interpersonal Communications for the Workplace	5
ENGL&101*	Composition	5
	Five credits must be selected from a list of approved US Cultures or Global Studies	5
Course Number	**Degree Requirements (70 credits)**	
EET 131	IT Essentials I - A+ Certification	5
EET 132*	IT Essentials II – A+ Certification Advanced	5
IT 100	IT Fundamentals	5
IT 111	Programming Fundamentals	5
IT 120	Comptia Network+	5
IT 122*	Network Operating Systems 1	5
IT 135	Introduction to UNIX	5
IT 138*	UNIX for Network Administration	5
IT 150*	IT Systems Security +	5
IT 157*	Ethical Hacking	5
Technical Electives	Twenty credits must be selected from a list of approved technical electives	20
		Total Credits: 90 (excluding pre-requisites)

Technical Electives		
BUS 118*	Project Management Introduction and Overview	5
BUS 169	Using Computers in Business I	5
CWE 110	Internship	3
EET 108	Introduction to Fiber Optic	5
EET 160	Introduction to Electricity and Electronics	5

EET 161	D.C. Principles of Electronics	5
IT 115	Introduction Software Development and Versioning	5
IT 298	Special Projects for LAN	5

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Program Outcomes:

- Install & configure software and upgrades
- Install, configure & test network devices, servers and workstations
- Troubleshoot hardware & network problems

What Skills do I need to be successful in this field?

- http://www.onetonline.org/link/summary/15-1152.00
- http://www.onetonline.org/link/summary/15-1142.00

What are some potential job titles?

- Network Manager
- Information Technology (IT) Specialist
- Systems Administrator

Wages, employment trends and pathways http://www.onetonline.org/link/summary/15-

1142.00#WagesEmployment

Course Sequence: This program of study is outlined by quarter, and courses should be taken in the indicated sequence. However, it should not be concluded that students will always proceed through their program of study exactly as prescribed here. The number of quarters listed here is minimal. Not all courses are offered every quarter. Individual student experiences, educational and training background, and personal schedules and demands all may affect the time it takes to finish this program. Also, in general, summer quarter is not considered one of the full-time quarters in the program.

1st quarter: EET 109, EET 131, ENGL&101

2nd quarter: EET 132, IT 100, IT 122

3rd quarter: IT 135, IT 111, Technical Elective

4th quarter: IT 120, IT 138, Technical Elective

5th quarter: IT 150, Technical Elective, US Culture or Global Studies elective

6th quarter: BUS 236, IT 157, Technical Elective

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NSC Advising Office   (206) 934-3658   https://northseattle.edu/advising

Program Website: https://northseattle.edu/career/degrees/network-server-administration-aas-degree

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