

Student Name: _____

SID: _____

 Courses may be subject to prerequisites and minimum grade requirements. Check online at www.bellevuecollege.edu/classes/All/

PROGRAM REQUIREMENTS			REQUESTED SUBSTITUTION/TRANSFER CREDIT (if applicable)			Grade	Quarter	Year
Course	Course Title	Credits	College/University	Course	Credits			
CORE COURSEWORK								
BUS& 101	Introduction to Business	5						
CMST& 230	Small Group Communication	5						
ENGL& 101	English Composition I	5						
ENGL& 235	Technical Writing	5						
IT 101	Introduction to Information Technology	5						
PHYS 109	Science for Information Technology	6						
TECH 215	PC Analysis & Configuration I	5						
TECH 217	PC Analysis & Configuration II	5						
Choose 5 Credits from the following		5						
CES 180	American Life & Culture (5 Cr)							
ANTH 180	American Life & Culture (5 Cr)							
Choose 5 Credits from the following		5						
MATH 138	College Algebra for Business & Social Science (5Cr)							
PROG 110	Introduction to Programming (5 Cr)							
<i>NOTE: Preparation for EWU Bachelor of Science in Technology requires MATH 138.</i>								
Choose 5 Credits from the following		5						
IT 103	Networking Basics (5 Cr)							
NSCOM 201	Cisco Networking I (5 Cr)							
<i>NOTE: Network Administrator track requires NSCOM 201</i>								
TOTAL		56						
CHOOSE ONE TRACK FROM THE FOLLOWING								
Application Support Track								
BTS 144	Personal Information Manager	3						
BTS 163	Business Document Design Comprehensive	5						
BTS 165	Business Spreadsheet Analysis & Design	5						
BTS 168	Business Data Management Tools	5						
BTS 171	Operating Systems for Advanced Users	5						
TECH 293*	Tech Support Internship I	4						
TECH 294*	Tech Support Internship II	4						
Choose 5 Credits from the following		5						
BTS 189	Webpage Authoring Essentials (5 Cr)							
BTS 280	Project Planning Tracking, & Reporting (5 Cr)							
Elective		2						
TOTAL		38						
Operating System Administration Track								
BTS 144	Personal Information Manager	3						
NSCOM 220	Implementing Client Operating Systems	5						
NSCOM 221	Implementing Server Operating Systems	5						
NSCOM 223	Managing a Network Environment	5						
TECH 223	Using and Supporting Linux	5						
TECH 293*	Tech Support Internship I	4						
TECH 294*	Tech Support Internship II	4						
Choose 5 Credits from the following		5						
BTS 189	Webpage Authoring Essentials (5 Cr)							
BTS 280	Project Planning Tracking, & Reporting (5 Cr)							
Elective		2						
TOTAL		38						

Network Administration Track								
NSCOM 202	Cisco Networking II	5						
NSCOM 203	Cisco Networking III	5						
NSCOM 204	Cisco Networking IV	5						
NSCOM 220	Implementing Client Operating Systems	5						
NSCOM 221	Implementing Server Operating Systems	5						
NSCOM 223	Managing a Network Environment	5						
NSCOM 227	Implementing Directory Services	5						
TOTAL		35						
GRANDTOTAL		91-94						

** May substitute TECH 289 Evaluation of Work Experience (4 Cr) for TECH 293 and TECH 294 with advisor permission*

Please complete this form prior to meeting with the Program Chair for signature. Completed form must be submitted to the Evaluations/Graduation Office when applying for graduation.

Program Chair: _____

Date: _____

Network Services & Computing Systems
2014-2015
Associate in Arts (continued)

DEGREE REQUIREMENTS

Must earn a cumulative GPA of 2.00 in all coursework taken at BC, and in all courses applied to the degree. A minimum of 30 credits of the total must be completed at BC.

TRANSFER CREDITS

For credits from other institutions, meet with a faculty advisor or curriculum advisor for an initial unofficial transcript review.

For an official review, submit a Petition for Exception to Degree or Certificate Requirements and an official transcript(s) in the prior institution(s) sealed envelope to the Program Chair.

Petition: <http://bellevuecollege.edu/services/>
Program chairs:
www.bellevuecollege.edu/classes/all/

NON-TRADITIONAL CREDITS

BC awards non-traditional credit for prior learning. Credit may be awarded for work completed in private study, at non-accredited institutions, or for certificate/training. Credit is awarded through examination, evaluation of certification/training, or submission of portfolio or other form of assessment. To apply for the credits, students must be registered at the college for the quarter in which non-traditional credits are requested and have completed ten quarter credit hours at the college. For more information, go to <http://bellevuecollege.edu/enrollment/academic/nontraditional/>

STAYING ON TRACK

Use Degree Audit to track your progress toward completion of this degree at bellevuecollege.edu/degreeaudit

Please refer to http://bellevuecollege.edu/programs/degrees/_for latest degree updates and further information.

GRADUATION APPLICATION

Students must apply for graduation. Submit your graduation application form two quarters prior to the expected graduation date and pay the application fee.

Application deadlines:

- Fall: June 1
- Winter: October 10
- Spring: December 10
- Summer: March 15

PROGRAM CONTACT INFORMATION

www.bellevuecollege.edu/classes/all/

Network Services & Computing Systems

DESCRIPTION

The Network Services and Computing Systems Associate in Arts degree addresses how to connect computers and other resources in a network, perform network maintenance tasks, and install and configure hardware and software in microcomputers. In addition to technical content, the degree includes skills in communication (oral, written, and listening), general business, teamwork, and problem solving.

Learning Outcomes

Degree recipients should possess the following skills and abilities in addition to those specific to each track:

- Write, speak and listen effectively
- Apply critical thinking and logical research to technological problems in area of concentration
- Administer an organization's computer network infrastructure including servers, workstations, printers, and routers and other Internetworking devices
- Monitor network performance, troubleshoot network problems
- Explain fundamental networking theory, terminology, and industry recognized standards

Application Support Track

- Create business spreadsheets and documents conforming to acceptable business practice
- Compare and contrast memory types, characteristics purpose and install memory in a PC
- Distinguish between the different display devices and their characteristics

Operating System Administration Track

- Explain the function of and configure various services to support an enterprise network infrastructure
- Compare and contrast the different operating systems and their features
- Define the functions of client/customer service personnel and analyze how these functions contribute to the development of long-term relationships with clients, customers and suppliers

Network Administration Track

- Explain the theory and benefits of various technologies employed in Internetworks
- Perform simple hardware and software configuration on a switch and a router
- Explain the function of and configure various services to support an enterprise network infrastructure