

**NETWORKING SERVICES TECHNOLOGY**  
**Network Services Technology Associate in Science Major Code 2201**

**Program Description**

The Networking Services Technology Associate in Science degree, offered at the A. Hugh Adams Central Campus, prepares students for employment opportunities as network administrators. It is designed for students seeking the skills sets necessary to be successful in their careers as Microsoft MCSE 2012 Server and Desktop Infrastructure administrators or Cisco Certified Networking Professionals (CCNPs).

**Entrance Requirements**

HS Diploma or GED

**Related Programs**

Cisco CCNA Technical Certificate Major Code 62387<sup>§</sup>  
 Microsoft MCSA – Server Administrator Technical Certificate Major Code 6283<sup>§</sup>  
 Network Support Technician Technical Certificate Major Code 6282<sup>§</sup>

<sup>§</sup> Students can earn a certificate from 6282, 6283, or 62387, but not from two or more of these programs.

**General Education Requirements:**

ENC1101	Composition I	3
MAC1105	College Algebra	3
SPC1608	Public Speaking <b>or</b>	
SPC1024	Introduction to Speech Communications	3
GE Course	General Education Humanities <sup>*</sup>	3
GE Course	General Education Social/ Behavioral Science <sup>*</sup>	3
GE Course	General Education Science <sup>*</sup>	3
<b>Total Credits</b>		<b>18</b>

**Networking Services Core Courses:**

CIS1000C	Introduction to Computer Science <sup>1</sup>	3
CTS1133C	A+ Essentials	3
CTS2131C	A+ Practical <sup>2</sup>	3
CS Elective	Computer Science Elective <sup>*</sup>	4
<b>Total Credits</b>		<b>13</b>

**Networking Services Technology Areas of Specialization (choose one):**

**1) Microsoft MCSE**

CTS1134C	Network+	4
CTS1390C	Installing and Configuring Windows Server <sup>3</sup>	4
CTS1391C	Administering Windows Server <sup>4</sup>	4
CTS1392C	Configuring Advanced Windows Server <sup>5</sup>	4
CTS2395C	Implementing a Desktop Infrastructure <sup>6</sup>	4
CTS2396C	Implementing Desktop Application Environments <sup>7</sup>	4
CTS2393C	Designing and Implementing a Server Infrastructure <sup>6</sup>	4
CTS2394C	Implementing an Advanced Server Administration <sup>8</sup>	4
<b>Total Credits</b>		<b>32</b>

**or**

**2) Cisco CCNP**

CET1600C	Cisco Networking I <sup>9</sup>	4
CET1610C	Cisco Networking II <sup>10</sup>	4
CET1615C	Cisco Networking III <sup>11</sup>	4
CET1620C	Cisco Networking IV <sup>12</sup>	4
CET2660C	Cisco CCNA Security <sup>13</sup>	4
CET2625C	Cisco CCNP I - Routing <sup>13</sup>	4
CET2627C	Cisco CCNP II - Switching <sup>14</sup>	4
CET2628C	Cisco CCNP III - Troubleshooting <sup>15</sup>	4
<b>Total Credits</b>		<b>32</b>

**or**

**3) Network Support Technician**

CET1600C	Cisco Networking I <sup>9</sup>	4
CET1610C	Cisco Networking II <sup>10</sup>	4
CET1615C	Cisco Networking III <sup>11</sup>	4
CET1620C	Cisco Networking IV <sup>12</sup>	4
CTS1134C	Network+	4
CTS1390C	Installing and Configuring Windows Server <sup>3</sup>	4
CTS1391C	Administering Windows Server <sup>4</sup>	4
CTS1392C	Configuring Advanced Windows Server <sup>5</sup>	4
<b>Total Credits</b>		<b>32</b>

**Total Program Credits 63**

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\* General Education courses must be selected from the list of AS Degree courses found in the College Catalog/posted on line at [www.broward.edu/studentresources/advising/Pages/gened.aspx](http://www.broward.edu/studentresources/advising/Pages/gened.aspx).

\* CGS1060C, CET 2660C, or any course with a CIS, COP, or CTS prefix

1. Prerequisite – CGS1060C (with a grade of C or higher) or Placement
2. Prerequisite – CTS1133C (with a grade of C or higher)
3. Prerequisites – CTS2131C and CTS 1134C (each with a grade of C or higher)
4. Prerequisite – CTS1390C (each with a grade of C or higher)
5. Prerequisite – CTS1391C (each with a grade of C or higher)
6. Prerequisite – CTS1392C (with a grade of C or higher)
7. Prerequisite – CTS2395C (with a grade of C or higher)
8. Prerequisite – CTS2393C (with a grade of C or higher)
9. Prerequisite – CTS2131C (with a grade of C or higher)
10. Prerequisite – CET1600C (with a grade of C or higher)
11. Prerequisite – CET1610C (with a grade of C or higher)
12. Prerequisite – CET1615C (with a grade of C or higher)
13. Prerequisite – CET1620C (with a grade of C or higher)
14. Prerequisite – CET2625C (with a grade of C or higher)
15. Prerequisites – CET2625C and CET2627C (each with a grade of C or higher)

**It is strongly recommended that students see an advisor every term.**