# Network Administration Degree Program

24 Months - 68 Credits

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>SEMESTER CR.HR</th>
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<tbody>
<tr>
<td>CGS1060</td>
<td>MicroComputer Applications</td>
<td>4</td>
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<tr>
<td>ENC1100</td>
<td>English Composition I</td>
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<tr>
<td>MAC1100</td>
<td>College Algebra</td>
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<tr>
<td>CET1173</td>
<td>Computer Maintenance &amp; Troubleshooting</td>
<td>4</td>
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<tr>
<td>SPC1013</td>
<td>Speech</td>
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<tr>
<td>CET1178</td>
<td>Technical Support Software</td>
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<tr>
<td>CET1485</td>
<td>Network Essentials</td>
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<td>ENC1106</td>
<td>English Composition II</td>
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<td>CET1179</td>
<td>A+ Certification Preparation</td>
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<tr>
<td>CET1588</td>
<td>Network+ Certification Preparation</td>
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<tr>
<td>CET2526</td>
<td>Fundamentals of Linux Operating Systems</td>
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<td>CET1811</td>
<td>Administering Windows Professional</td>
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<td>CET1722</td>
<td>Windows Server Network</td>
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<tr>
<td>CET1660</td>
<td>Systems Security</td>
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<td>CET1723</td>
<td>Windows Server Administration</td>
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<td>CET1724</td>
<td>Windows Server Implementation</td>
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<td>CET2528</td>
<td>Implementing the Linux Operating Systems</td>
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<td>CET1617</td>
<td>Interconnecting CISCO Network</td>
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Total Semester Credits 68

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*For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at [www.cbt.edu/academics/disclosure](http://www.cbt.edu/academics/disclosure).*
CERTIFICATIONS

CBT College will prepare students to become certified in the following:

- A+ Certified
- Network+ Certified
- Security+ Certified
- Linux+
- Microsoft Certified IT Professional
- Microsoft Certified Technology Specialist
- Cisco CCNA

LAB NETWORK DIAGRAM

This diagram represents a network model of a sophisticated data center. Students at CBT College learn how to create, maintain and troubleshoot to ensure the efficiency of the network.

Diagram Connections Color Codes:
- FDDI
- Ethernet
- Serial
- Token Ring

COMPANIES THAT HAVE HIRED CBT STUDENTS

- Comcast
- TigerDirect.com
- Provista
- Tracfone
- Nationwide prepaid wireless

EMPLOYMENT STATISTICS

\[ = 5,000 \text{ employment number} \]

California, New York, Texas & Florida were the states with the highest employment numbers in 2014.

- = 42,050
- = 33,820
- = 23,180
- = 14,720

Projected growth 2012-2020

Compared to other industries, Network Administrators have shown a greater increase in employment growth.

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Growth Rate</th>
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<tbody>
<tr>
<td>Network Administrator</td>
<td>8%</td>
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<tr>
<td>Computer Occupations</td>
<td>5.52%</td>
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<tr>
<td>Total Occupations</td>
<td>4.23%</td>
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</tbody>
</table>

Career Opportunities

Below is a list of different occupations that a network administrator may specialize in:

- Systems Manager
- Hardware Engineer
- Support Specialist
- Systems Analyst
- Database Administrator
- Security Analyst

FUN FACTS

Largest software developing companies:
- Microsoft
- Adobe
- SAP
- CA

1,693,000 Terabytes of information are produced and stored every year.

- Average photo size = 5MB
- 1 Gigabyte = 1,000 MB = 200 photos
- 1,000 Gigabytes = 1 Terabyte = 200,000 photos
- Yearly Production = 1,693,000 Terabytes = 358,600,000,000,000 photos

First hard disk drive was introduced by Seagate in 1979, which could hold 5 M.B. of data.

Information Sources

- http://images.yourdictionary.com/seagate