COURSE INFORMATION

COURSE TITLE:

CNG211: Windows Configuration: (OS)

COURSE DESCRIPTION:

Provides students with the knowledge and skills necessary to address the implementation and desktop support needs of customers who are planning to deploy and support Microsoft Windows Client OS in a variety of network operating system environments.

CREDIT HOURS:

3

SUGGESTED PREREQUISITE KNOWLEDGE:

N/A

CCCONLINE COURSE POLICIES

The CCCOnline Course Policies page contains information about the student’s role in the classroom, grading policies, and rights and responsibilities.
COURSE MATERIALS

Your textbook is available online as an eText. You do not need to purchase any additional materials. For specific information on refund policies and the optional black and white textbook available for purchase please contact the CCCOnline bookstore.

MINIMUM COMPUTER REQUIREMENTS

To complete this course, you will need regular access to a computer from which you can get to the Internet and use email. In order to ensure that your course functions properly, you must run the System Check. This is a CRITICAL STEP, and taking the time to do it now will eliminate a tremendous amount of frustration for you later. To run the System Check, click Tools in the course NavBar and then click System Check.

MAIN eText


DIGITAL MATERIALS ACCESS AND SETUP

This course uses Vital Source which integrates the eText directly into the course site.

- Visit the Vital Source Course Start page for details on first access of the materials.

To make sure your computer is set up correctly to access the eText and other digital content, review the Vital Source Technical Support page, also linked in the Technical Support Module.

This course uses MOAC Labs which integrates Lab assignment links directly into the course site.

- Visit the MOAC Course Start page for details on first access of the materials.

To make sure your computer is set up correctly to access the Labs and other digital content, review the MOAC Technical Support page, also linked in the Technical Support Module.
STUDENT COMPETENCIES:

The competencies you will demonstrate in this course are as follows:

A. Install Windows Client OS.
B. Setup program to install Windows Client OS without user intervention by using answer files and Uniqueness Database File (UDFs).
C. Configure hardware devices and drivers on a computer running Windows Client OS.
D. Configure disk drives and perform common disk management tasks.
E. Configure and manage file systems. VI. Troubleshoot the boot process and other system problems.
F. Configure desktop settings and understand how user profiles and Group Policy affects desktop customization.
G. Configure and manage TCP/IP for Microsoft Windows Client OS to operate in an active directory, access to remote computers, and Operating System for mobile computing.
H. Monitor and interpret system and performance information on computers.

The module outcomes that will permit you to demonstrate course competencies are:

**MODULE 1**

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Competencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Prepare the system for Windows Installation.</td>
<td>A</td>
</tr>
<tr>
<td>2 Install Windows.</td>
<td>A, B</td>
</tr>
<tr>
<td>3 Configure Windows devices and device drivers.</td>
<td>C</td>
</tr>
</tbody>
</table>

**MODULE 2**

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Competencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Configure system after installing Windows.</td>
<td>A</td>
</tr>
<tr>
<td>2 Implement Windows in an Enterprise environment.</td>
<td>G</td>
</tr>
<tr>
<td>3 Configure networking in a Windows Enterprise environment.</td>
<td>H</td>
</tr>
</tbody>
</table>

**MODULE 3**

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Competencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Configure storage in a Windows 10 environment.</td>
<td>D, E</td>
</tr>
<tr>
<td>2 Configure data access and usage in a Windows 10 environment.</td>
<td>D, E</td>
</tr>
<tr>
<td>3 Implement Apps in a Windows 10 environment.</td>
<td>G</td>
</tr>
</tbody>
</table>
**Module 4**

**Outcomes**
1. Configure remote management in a Windows 10 environment.  
2. Configure updates in a Windows 10 environment.  

**Competencies**
- G, H  
- G  
- I

**Module 5**

**Outcomes**
1. Configure system and data recovery in a Windows 10 environment.  
2. Configure authorization and authentication in a Windows 10 environment.  
3. Configure advanced management tools in a Windows 10 environment.

**Competencies**
- D, E, F  
- G, H  
- G
GRADING AND EVALUATION

METHODS:

Evaluation includes a combination of discussion participation, assignments, and other evaluations. Rubrics are provided for assignments and discussions.

GRADING POLICIES:

Mark all Module due dates on your calendar for this class. You may submit assignments AHEAD of schedule. See Late Work Policy below.

SUMMARY OF Grading

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discussions (10 @ 40 points each)</td>
<td>400</td>
<td>28%</td>
</tr>
<tr>
<td>Quizzes (5 @ 50 points each)</td>
<td>250</td>
<td>18%</td>
</tr>
<tr>
<td>Assignments (15 @ 50 points each)</td>
<td>750</td>
<td>54%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1400</td>
<td>100%</td>
</tr>
</tbody>
</table>

Grading Scale

A = 90 to 100%  B = 80 to 89%  C = 70 to 79%  D = 60 to 69%  F = 59% and below

DISCUSSIONS

Discussions make up a significant portion of your final grade. Discussions are graded on relevance, grammar, timeliness, and level of engagement with fellow students. No discussion posts are ever accepted once the discussion is completed and locked. There are no makeup assignments for missed discussions.

VIRTUAL LABS

Each lesson contains a virtual lab. To receive the points for the virtual labs the answers for the lab questions and the requested screenshots need to be put into a Word document and submitted to the instructor through the assignment folder. Along with your answers, you will need to take screenshots per the lab instructions and insert them into your Word answer file. Each screenshot is worth five points, so do not forget to insert them in your lab answers.
**Note**: The Assignment due dates for the virtual labs may be different than what is listed on the Course Schedule. If you run into technical difficulties with the labs take advantage of the extended due date.

**QUIZZES**

The quizzes feature multiple choice and true/false questions. Each quiz covers three chapters of content. See the Course Schedule for due dates.

**LATE WORK POLICY**

Late work is not accepted. Rare exceptions include documented medical, legal, or military situations. At the instructor’s discretion, late work may be turned in after documentation is accepted. No late work after the end date of the semester. This policy applies to the final due date of assignments, not milestone due dates within an assignment.

If a student has technical problems, it is the student’s responsibility to contact their instructor and Tech Support immediately (e.g. not in the last eight hours before the assignment is due). Instructors are not technical support. Maintain records after contacting Tech Support. Repeated sessions with Tech Support may be necessary. Students may need to use the computer lab at their home college's campus instead of a home computer.

The instructor has the option of accepting ONE week’s worth of homework (not including discussions, major exams, or large projects).

Exceptions to this policy are extremely rare and must go through the Program Chair and/or the Associate Dean.
COURSE SCHEDULE

The Schedule is subject to change as needed.

This page summarizes all of the graded assignments, exams, and reading assignments for the course. If you want, you can print it out and post it somewhere handy.

All assignments are described in detail on the Module assignment pages. If you have questions check there and/or send me an e-mail.

**This course is not self-paced and is not open-exit.** All assignments, papers, quizzes, discussions, etc., are to be completed by no later than 11:59 pm MST/MDT of the due date.

NOTE: Important CCCOnline semester dates (e.g., drop/withdraw/term end) appear on the [CCCOnline calendar](#).

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**MODULE 1**

**Reading/Assignments/Exams**

- Read Lesson 1, the Explorations, and the Lesson 1 Presentation Slides
- Complete Module 1 Discussion 1: Introduce Yourself
- Complete Lab 1 and Post in the assignment folder
- Read Lessons 2-3 and the Lessons 2-3 Presentation Slides
- Complete Module 1 Discussion 2
- Complete Labs 2 - 3 and Post in the assignment folder
- Complete Module 1 Quiz

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**MODULE 2**

**Reading/Assignments/Exams**

- Read Lesson 4, the Explorations, and the Lesson 4 Presentation Slides
- Complete Module 2 Discussion 1
- Complete Lab 4 and Post in the assignment folder
- Read Lessons 5-6 and the Lessons 5-6 Presentation Slides
- Complete Module 2 Discussion 2
- Complete Labs 5-6 and Post in the assignment folder
- Complete Module 2 Quiz

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**MODULE 3**

**Reading/Assignments/Exams**

- Read Lesson 7, the Explorations, and the Lesson 7 Presentation Slides
- Complete Module 3 Discussion 1
- Complete Lab 7 and Post in the assignment folder
- Read Lessons 8-9 and the Lessons 8-9 Presentation Slides
- Complete Module 3 Discussion 2
- Complete Labs 8-9 and Post in the assignment folder
- Complete Module 3 Quiz
MODULE 4

Reading/Assignments/Exams
Read Lesson 10, the Explorations, and the Lesson 10 Presentation Slides
Complete Module 4 Discussion 1
Complete Lab 10 and Post in the assignment folder
Read Lessons 11-12 and the Lessons 11-12 Presentation Slides
Complete Module 4 Discussion 2
Complete Labs 11-12 and Post in the assignment folder
Complete Module 4 Quiz

MODULE 5

Reading/Assignments/Exams
Read Lesson 13, the Explorations, and the Lesson 13 Presentation Slides
Complete Module 5 Discussion 1
Complete Lab 13 and Post in the assignment folder
Read Lessons 14-15 and the Lessons 14-15 Presentation Slides
Complete Module 5 Discussion 2
Complete Labs 14-15 and Post in the assignment folder
Complete Module 5 Quiz

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