uCertify

Course Outline

Living Online (IC3 GS5 Exam 3)



27 Mar 2024

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1. Course Objective

Kick start your prep for the IC3 GS5 Exam 3 with the IC3 GS5 Living Online course and lab. The lab provides a hands-on learning experience in a safe, online environment. The IC3 Living Online course and lab completely cover IC3 GS5 Living Online exam objectives and include topics such as using the Internet, understanding networking, communicating online, searching the world wide web, and so on.

2. Pre-Assessment

Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

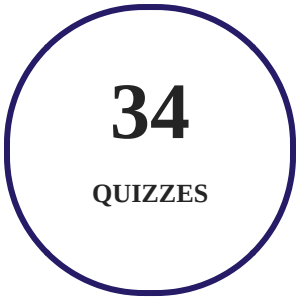
3. Exercises

There is no limit to the number of times learners can attempt these. Exercises come with detailed remediation, which ensures that learners are confident on the topic before proceeding.



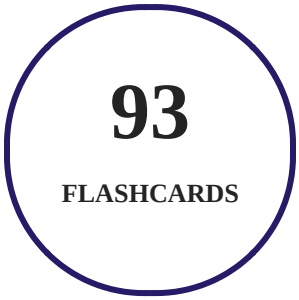
4. Quizzes

Quizzes test your knowledge on the topics of the exam when you go through the course material. There is no limit to the number of times you can attempt it.



5. flashcards

Flashcards are effective memory-aiding tools that help you learn complex topics easily. The flashcard will help you in memorizing definitions, terminologies, key concepts, and more. There is no limit to the number of times learners can attempt these. Flashcards help master the key concepts.



6. Glossary of terms

uCertify provides detailed explanations of concepts relevant to the course through Glossary. It contains a list of frequently used terminologies along with its detailed explanation. Glossary defines the key terms.



7. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

8. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

9. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assessments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

10. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been

recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 7 years:

- **2014**
    1. Best Postsecondary Learning Solution

- **2015**
    1. Best Education Solution
    2. Best Virtual Learning Solution
    3. Best Student Assessment Solution
    4. Best Postsecondary Learning Solution
    5. Best Career and Workforce Readiness Solution
    6. Best Instructional Solution in Other Curriculum Areas
    7. Best Corporate Learning/Workforce Development Solution

- **2016**
    1. Best Virtual Learning Solution
    2. Best Education Cloud-based Solution
    3. Best College and Career Readiness Solution
    4. Best Corporate / Workforce Learning Solution
    5. Best Postsecondary Learning Content Solution
    6. Best Postsecondary LMS or Learning Platform
    7. Best Learning Relationship Management Solution

- **2017**
    1. Best Overall Education Solution
    2. Best Student Assessment Solution
    3. Best Corporate/Workforce Learning Solution
    4. Best Higher Education LMS or Learning Platform

- **2018**
    1. Best Higher Education LMS or Learning Platform

2. Best Instructional Solution in Other Curriculum Areas
3. Best Learning Relationship Management Solution

- **2019**
  1. Best Virtual Learning Solution
  2. Best Content Authoring Development or Curation Solution
  3. Best Higher Education Learning Management Solution (LMS)

- **2020**
  1. Best College and Career Readiness Solution
  2. Best Cross-Curricular Solution
  3. Best Virtual Learning Solution

11. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

Syllabus

Chapter 1: Using the Internet

- Understanding the Terminology About the Internet and the WWW
- Understanding the World Wide Web
- Browsing the Web with a Web Browser

- Summary

Chapter 2: Understanding Networking and Its Most Important Concepts

- Understanding Networks
- Understanding Network Addressing
- Using and Securing Wireless Networks
- Security Networks with Firewalls and Gateways
- Measuring the Speed of Your Internet Connection
- Understanding the Different Types of Internet Connections
- Virtual Private Networks
- Principles for Troubleshooting Networking Problems
- Troubleshooting Network Problems with the Help of Windows Troubleshooting Tools
- Troubleshooting Network Problems from the Command Prompt
- Summary

Chapter 3: Communicating Online with Others

- Creating and Securing Email Accounts
- Sending Email Messages

- Replying to and Forwarding Email Messages
- Automating Your Email Account
- Organizing and Archiving Your Inbox
- Managing Your Calendar
- Communicating through Text Messages
- Communicating through Multimedia
- Using Social Media and Social Networks
- Increasing the Privacy of Your Social Networking Activity
- Summary

Chapter 4: Being a Responsible Digital Citizen

- Personal vs. Professional Communication
- Verbal vs. Written Communication
- Inappropriate Ways of Communicating Online
- Censorship and Filters in the Digital World
- Legal and Responsible Use of Computers
- Summary

Chapter 5: Maintaining Your Health and Safety While Using Computers

- Internet Security Concerns
- Protecting Your Identity and Your Data
- Removing Data from Your Computer
- Keeping Your Computer Safe from Threats and Malware
- The Ergonomics of Using the Computer in a Healthy Way
- Common Problems That Are Generated by Incorrect Computer Use and Posture
- Summary

Chapter 6: Searching the World Wide Web

- Using Search Engines to Find Information Online
- Performing Advanced Searches Using Symbols and Search Operators
- Searching for Files Online
- Dealing with Online Advertisements
- Finding Valuable Information on Internet Forums and Knowledge Bases
- Evaluating the Information That You Find on the Web
- Summary

Chapter 7: Appendix A: Objective Mapping

12. Practice Test

Here's what you get

35	2	50
PRE-ASSESSMENTS QUESTIONS	FULL LENGTH TESTS	POST-ASSESSMENTS QUESTIONS

Features

Each question comes with detailed remediation explaining not only why an answer option is correct but also why it is incorrect.

Unlimited Practice

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

13. Performance Based Labs

uCertify's performance-based labs are simulators that provides virtual environment. Labs deliver hands on experience with minimal risk and thus replace expensive physical labs. uCertify Labs are cloud-based, device-enabled and can be easily integrated with an LMS. Features of uCertify labs:

- Provide hands-on experience in a safe, online environment

- Labs simulate real world, hardware, software & CLI environment
- Flexible and inexpensive alternative to physical Labs
- Comes with well-organized component library for every task
- Highly interactive - learn by doing
- Explanations and remediation available
- Videos on how to perform

Lab Tasks

- Identifying your computer's IP address
- Browsing web using functionalities in IE
- Browsing web using functionalities in Firefox
- Deleting the browsing history
- Viewing cookies and temporary files in IE
- Saving a web page as a favorite in IE
- Searching for a text on a web page using the menu bar
- Adding google hangouts plugin
- Setting the homepage in IE
- Accessing the browsing history in IE
- Configuring IPv4 address
- Understanding ipconfig commands
- Configuring SSID
- Configuring Windows firewall settings
- Creating a dial-up connection
- Creating a remote access VPN connection
- Diagnosing Networking Issues
- Testing the existence of other hosts
- Analyzing network paths with tracert
- Releasing and renewing an IP address
- Understanding the arp command
- Using the netsh command
- Creating a Gmail account

- Forwarding an email message in MS Outlook
- Setting up automatic replies
- Archiving Outlook items
- Testing sound service on Skype
- Cleaning system using the CCleaner application
- Running the MBSA tool
- Searching the web using Bing
- Opening the online MS Word help file

Here's what you get

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PERFORMANCE BASED LAB

14. Post-Assessment

After completion of the uCertify course Post-Assessments are given to students and often used in conjunction with a Pre-Assessment to measure their achievement and the effectiveness of the exam.

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