

Syllabus

Course Overview

This is a non-credit course where you can access web portals with resources to practice for various IT certification exams.

Navigation tips: To see a condensed list of Prep Exam learning activities click the Collapse link. You can also use CTRL+F to search for a Prep Exam for a specific certification exam.

Certifications

Learners in Capella's IT programs have the opportunity to earn recognized industry certifications while earning a degree. Select certification-aligned courses, already included in your program, will provide you with the knowledge and preparatory material you need to take the corresponding certification exams, and Capella will give you the vouchers to take them for free if you meet the required qualifications.

Note that certifications earned through this Resource Course will not qualify for PLA or Documented Credit.

Overview

1. Take courses that support industry certification.

- Many IT courses in Capella programs have content related to industry certifications. Complete the requirements and you will be on your way to a certification.

2. Get access to a certification exam prep course.

- Now that you are in the fourth quarter of your GuidedPath program or third billing period of your FlexPath program, you now have access to this special IT Certification Course with practice exams and other resources to help you prepare for certification.

3. Practice with self-driven prep exams.

- Take advantage of optional prep exams to build confidence in the concepts and knowledge required for certification. You have plenty of time, with access to prep exams until your program graduation. Score 90% or better on the practice exam to receive a free exam voucher from Capella.

4. Earn your official certifications.

- After receiving your exam voucher, confirm that you have fulfilled all requirements for the certification and sign up to take the official exam through their provider.

Request Voucher

Score 90% or better on the practice exam to receive a free exam voucher from Capella. To request an exam voucher, send a screenshot of your test results that includes your ID and date stamp to examvoucher@capella.edu. State the title of the practice exam request in the subject line of the email.

See the following visual examples:

- [Quiz Score Example \[JPG\]](#).
- [Quiz Score Email Example \[JPG\]](#).

Technology Resources

This Capella course offers real-world, hands-on labs provided by Practice-Labs.com. These labs offer guided practice in performing tasks related to achieving course competencies and completing assessments. If you require the use of assistive technology or alternative communication methods to participate in these activities, please contact DisabilityServices@Capella.edu to request accommodations.

Course Competencies

(Read Only)

To successfully complete this course, you will be expected to:

Course Prerequisites

There are no prerequisites for this course.

Required

Library

The following required readings are provided in the Capella University Library or linked directly in this course. To find specific readings by journal or book title, use [Journal and Book Locator](#). Refer to the [Journal and Book Locator library guide](#) to learn how to use this tool.

- Clarke, G. E. (2018). [CompTIA Security+ certification study guide \(3rd ed.\)](#). New York, NY: McGraw-Hill Education.
- Fedderson, B. (2017). [CompTIA Project+ practice tests](#). Indianapolis, IN: John Wiley & Sons.
- Heldman, K. (2017). [CompTIA Project+ study guide: Exam PK0-004 \(2nd ed.\)](#). Indianapolis, IN: Sybex.
- Meyers, M. (2018). [CompTIA Network+ certification all-in-one exam guide \(7th ed.\) \(Exam N10-007\)](#). New York, NY: McGraw-Hill Education.
- Panek, W. (2013). [MCSA—Windows Server 2012 complete study guide](#). Indianapolis, IN: Sybex.
- SAS Institute. (2014). [SAS certification prep guide: Advanced programming for SAS 9 \(4th ed.\)](#). Cary, NC: SAS Institute.
- SAS Institute. (2019). [SAS certified specialist prep guide: Base programming using SAS 9.4](#). Cary, NC: SAS Institute.
- Skillsoft. (n.d.). [Mentoring 100-105 Interconnecting Cisco Networking Devices, part 1 \(ICND1\)](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Mentoring 200-105 Interconnecting Cisco Networking Devices Part 2 \(ICND2\)](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Mentoring PK0-004 CompTIA Project+](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Mentoring SY0-501 CompTIA Security+](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep 100-105 Interconnecting Cisco Networking Devices Part 1 \(ICND1\)](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep 200-105 Interconnecting Cisco Networking Devices Part 2 \(ICND2\) \[Course\]](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep LX0-103 CompTIA Linux+ Powered by LPI Exam 1 \[Course\]](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep LX0-104 CompTIA Linux+ Powered by LPI Exam 2 \[Course\]](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep SY0-501 CompTIA Security+ \[Course\]](#). Skillsoft Ireland.
- Suehring, S. (2017). [CompTIA Linux+ and LPIC practice tests: Exams LX0-103/LPIC-1 101-400, LX0-104/LPIC-1 102-400, LPIC-2 201, and LPIC-2 202](#). Indianapolis, IN: Sybex.

External Resource

Please note that URLs change frequently. While the URLs were current when this course was designed, some may no longer be valid. If you cannot access a specific link, contact your instructor for an alternative URL. Permissions for the following links have been either granted or deemed appropriate for educational use at the time of course publication.

- Cisco. (n.d.). [CCNA routing and switching](https://www.cisco.com/c/en/us/training-events/training-certifications/certifications/associate/ccna-routing-switching.html). Retrieved from <https://www.cisco.com/c/en/us/training-events/training-certifications/certifications/associate/ccna-routing-switching.html>
- CompTIA. (n.d.). [CompTIA Linux+](https://certification.comptia.org/certifications/linux). Retrieved from <https://certification.comptia.org/certifications/linux>
- CompTIA. (n.d.). [CompTIA Project+](https://certification.comptia.org/certifications/project). Retrieved from <https://certification.comptia.org/certifications/project>
- CompTIA. (n.d.). [CompTIA Security+](https://certification.comptia.org/certifications/security). Retrieved from <https://certification.comptia.org/certifications/security>
- <https://practice-labs.com/Help-support.aspx>
- Microsoft. (n.d.). [Browse MCSE certifications](https://www.microsoft.com/en-us/learning/mcse-certification.aspx). Retrieved from <https://www.microsoft.com/en-us/learning/mcse-certification.aspx>
- Microsoft. (n.d.). [MCSA: Windows Server 2012](https://www.microsoft.com/en-us/learning/mcsa-windows-server-certification.aspx). Retrieved from <https://www.microsoft.com/en-us/learning/mcsa-windows-server-certification.aspx>

Suggested

Optional

The following optional materials are offered to provide you with practice opportunities to prepare for certification exams.

Library

The following optional readings may be available in the Capella University Library. To find specific readings by journal or book title, use [Journal and Book Locator](#). Refer to the [Journal and Book Locator library guide](#) to learn how to use this tool. If the full text is not available, you may be able to request a copy through the [Interlibrary Loan](#) service.

- Docter, Q. (2017). [CompTIA A+ practice tests—Exam 220-901 and exam 220-902](#). Indianapolis, IN: Sybex.
- Skillsoft. (n.d.). [IT - CompTIA A+ 220-901 \[Course\]](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Mentoring 220-1001 CompTIA A+](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Mentoring 220-1002 CompTIA A+](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Mentoring 220-901 CompTIA A+](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Mentoring 220-902 CompTIA A+](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Mentoring CompTIA Network+ N10-007](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Mentoring Project Management Professional \(PMP\) PMBOK Guide 6th Edition Aligned](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Project Management Professional \(PMP\) Exam - PMBOK Guide - Sixth Edition-aligned](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep 220-901 CompTIA A+ \[Course\]](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep 220-902 CompTIA A+ \[Course\]](#). Skillsoft Ireland.

- Skillsoft. (n.d.). [TestPrep N10-007 CompTIA Network+ \[Course\]](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep Project Management Professional PMBOK 6th edition \[Course\]](#). Skillsoft Ireland.
- Wempen, F., & Holcombe, J. (2017). [CompTIA A+ certification study guide \(9th ed.\) \(Exams 220-901 & 220-902\)](#). New York, NY: McGraw-Hill Education.

External Resource

Please note that URLs change frequently. While the URLs were current when this course was designed, some may no longer be valid. If you cannot access a specific link, contact your instructor for an alternative URL. Permissions for the following links have been either granted or deemed appropriate for educational use at the time of course publication.

- CompTIA. (n.d.). [CompTIA A+ 2019](#). Retrieved from <https://certification.comptia.org/certifications/a>
- CompTIA. (n.d.). [CompTIA Network+](#). Retrieved from <https://certification.comptia.org/certifications/network>
- Project Management Institute. (n.d.). [Project Management Professional \(PMP\)](#). Retrieved from <https://www.pmi.org/certifications/types/project-management-pmp>

Unit 1 >> Information Technology Certification Resources

Introduction

Industry Certifications

Learners in a variety of IT and business programs can obtain certain specific industry certifications along the way to completing their degree at no additional cost. Learners have an opportunity to obtain exam vouchers for up to seven in-demand, industry-recognized certifications from organizations including CompTIA, Microsoft, Cisco, SAS, and PMI without paying for additional training or boot camps.

For some certifications, links to the practice exams are provided in the activity for each certification. Others are available via the organizations' websites.

Learning Activities

u01s1 - Software Preparation and Technology Access

In this course, you will be using software and technology that is needed to complete designated activities and assignments. There is no additional cost for this software and technology.

Capella University requires learners to meet certain minimum [computer requirements](#). Please note that some software required for a course may exceed these minimum requirements. Check the requirements for the software you may need to download and install to make sure it will work on your device. Most software will require a Windows PC. If you use a Mac, refer to [Installing a Virtual Windows Environment](#).

If you use assistive technology or any alternative communication methods to access course content, please contact DisabilityServices@Capella.edu with any access-related questions or to request accommodations.

Practice Labs

This Capella course offers real-world, hands-on labs provided by Practice Labs. Click the Practice Labs Orientation link to access an introductory lab.

u01v1 - Practice Labs Orientation: Module Zero - Basics

This lab is designed to familiarize you with the Practice Labs platform. This is a great time to ensure that you can access the labs without any technical difficulty.

Click the linked title heading above to access the hands-on lab.

Practice Labs Technical Support

If you have technical issues pertaining to accessing the hands-on labs, contact Practice Labs Technical Support:

- Help and Support: <https://practice-labs.com/Help-support.aspx>
- E-mail: contactus@practice-labs.com

u01v2 - Hands-on Exam Prep:Project Management Institute: Project Management Professional (PMP)

The Project Management Professional (PMP) is the most important industry-recognized certification for project managers. See the [Project Management Professional \(PMP\)](#) website for more information about this certification.

Click the linked title heading above to access the hands-on Exam Prep.

Note that this practice exam for the PMP cert is the 5th edition and current PMP exams are for the 6th edition. We are aware of the updated exam and encourage you to take advantage of the additional resources to gain a full understanding of the 6th edition concepts as you prepare.

Resources

The following resources are available to prepare for the certification exam.

- Skillsoft. (n.d.). [Project Management Professional \(PMP\) Exam - PMBOK Guide - Sixth Edition-aligned](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep Project Management Professional PMBOK 6th edition \[Course\]](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Mentoring Project Management Professional \(PMP\) PMBOK Guide 6th Edition Aligned](#). Skillsoft Ireland.
 - Click the link to chat with or email a member of the Mentoring Team.

Request Voucher

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Additional voucher qualification requirements: In addition to earning a practice exam score of 90%, please apply to sit for the PMP exam through PMI's website and send the approval email and practice exam score to ExamVoucher@capella.edu to receive a voucher.

u01s2 - CompTIA Project+

CompTIA Project+ gives business professionals—inside and outside of IT—the basic concepts to successfully manage small- to medium-sized projects. See the [CompTIA Project Plus](#) website for more information about this certification.

Resources

The following resources are available to prepare for the certification exam.

- Heldman, K. (2017). [CompTIA Project+ study guide: Exam PK0-004 \(2nd ed.\)](#). Indianapolis, IN: Sybex.
- Feddersen, B. (2017). [CompTIA Project+ practice tests](#). Indianapolis, IN: John Wiley & Sons.
- Skillsoft. (n.d.). [Mentoring PK0-004 CompTIA Project+](#). Skillsoft Ireland.
 - Click the link to chat with or email a member of the Mentoring Team.

Request Voucher

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u01v3 - Hands-on Exam Prep: CompTIA Project+ PK0-003

Click the linked title heading above to access the hands-on Exam Prep.

u01s3 - CompTIA A+

CompTIA A+ is the preferred qualifying credential for technical support and IT operational roles. It is about much more than PC repair. See the [CompTIA A+ 2019](#) website for more information about this certification.

Resources

The following resources are available to prepare for the certification exam.

- Wempen, F., & Holcombe, J. (2017). [CompTIA A+ certification study guide \(9th ed.\) \(Exams 220-901 & 220-902\)](#). New York, NY: McGraw-Hill Education.
- Docter, Q. (2017). [CompTIA A+ practice tests—Exam 220-901 and exam 220-902](#). Indianapolis, IN: Sybex.
- Skillsoft. (n.d.). [IT - CompTIA A+ 220-901 \[Course\]](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep 220-901 CompTIA A+ \[Course\]](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep 220-902 CompTIA A+ \[Course\]](#). Skillsoft Ireland.
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 - Skillsoft. (n.d.). [Mentoring 220-901 CompTIA A+](#). Skillsoft Ireland.
 - Skillsoft. (n.d.). [Mentoring 220-902 CompTIA A+](#). Skillsoft Ireland.
 - Skillsoft. (n.d.). [Mentoring 220-1001 CompTIA A+](#). Skillsoft Ireland.
 - Skillsoft. (n.d.). [Mentoring 220-1002 CompTIA A+](#). Skillsoft Ireland.

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u01v4 - Hands-On Exam Prep: CompTIA A+ 220-901

Click the linked title heading above to access the hands-on Exam Prep.

u01v5 - Hands-on Exam Prep: CompTIA A+ 220-902

Click the linked title heading above to access the hands-on lab.

u01v6 - Hands-On Exam Prep: CompTIA A+ 220-1001

Click the linked title heading above to access the hands-on lab.

u01v7 - Hands-On Exam Prep: CompTIA A+ 220-1002

Click the linked title heading above to access the hands-on lab.

u01v8 - Hands On Exam Prep: CompTIA Network+

CompTIA Network+ helps develop a career in IT infrastructure covering troubleshooting, configuring, and managing networks. See the [CompTIA Network +](#) website for more information about this certification.

Click the linked title heading above to access the hands-on Exam Prep.

Resources

The following resources are available to prepare for the certification exam.

- Meyers, M. (2018). [CompTIA Network+ certification all-in-one exam guide \(7th ed.\)](#) (Exam N10-007). New York, NY: McGraw-Hill Education.
- Skillsoft. (n.d.). [TestPrep N10-007 CompTIA Network+ \[Course\]](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [Mentoring CompTIA Network+ N10-007 \[Course\]](#). Skillsoft Ireland.
 - Click the link to chat with or email a member of the Mentoring Team.

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u01s4 - CompTIA Security+

CompTIA Security+ is a global certification that validates the baseline skills you need to perform core security functions and pursue an IT security career. See the [CompTIA Security +](#) website for more information about this certification.

Resources

The following resources are available to prepare for the certification exam.

- Clarke, G. E. (2018). [CompTIA Security+ certification study guide \(3rd ed.\)](#). New York, NY: McGraw-Hill Education.
- Skillsoft. (n.d.). [TestPrep SY0-501 CompTIA Security+ \[Course\]](#). Skillsoft Ireland.

- Skillsoft. (n.d.). [Mentoring SY0-501 CompTIA Security+ \[Course\]](#). Skillsoft Ireland.
 - Click the link to chat with or email a member of the Mentoring Team.

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u01v9 - Hands-on Exam Prep: CompTIA Security+ Part 1

Click the linked title heading above to access the hands-on Exam Prep.

u01v10 - Hands-on Exam Prep: CompTIA Security+ Part 2

Click the linked title heading above to access the hands-on Exam Prep.

u01s5 - CompTIA Linux+

CompTIA Linux+ validates the competencies required of an early career system administrator supporting Linux systems. See the [CompTIA Linux +](#) website for more information about this certification.

Resources

The following resources are available to prepare for the certification exam.

- Suehring, S. (2017). [*CompTIA Linux+ and LPIC practice tests: Exams LX0-103/LPIC-1 101-400, LX0-104/LPIC-1 102-400, LPIC-2 201, and LPIC-2 202*](#). Indianapolis, IN: Sybex.
- Skillsoft. (n.d.). [TestPrep LX0-103 CompTIA Linux+ Powered by LPI Exam 1 \[Course\]](#). Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep LX0-104 CompTIA Linux+ Powered by LPI Exam 2 \[Course\]](#). Skillsoft Ireland.

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u01v11 - Hands-On Exam Prep: CompTIA Linux+ Exam 1

Click the linked title heading above to access the hands-on Exam Prep.

u01v12 - Hands-On Exam Prep: CompTIA Linux+ Exam 2

Click the linked title heading above to access the hands-on Exam Prep.

u01s6 - CCNA Routing and Switching (Cisco)

The CCNA Routing and Switching certification will demonstrate your knowledge of foundational technologies as well as next-generation technologies. See the [CCNA Routing and Switching](#) website for more information about this certification.

Resources

The following resources are available to prepare for the certification exam.

- Skillsoft. (n.d.). [TestPrep 100-105 Interconnecting Cisco Networking Devices Part 1 \(ICND1\)](#). [Course]. Skillsoft Ireland.
- Skillsoft. (n.d.). [TestPrep 200-105 Interconnecting Cisco Networking Devices Part 2 \(ICND2\)](#). [Course]. Skillsoft Ireland.
- Click the links below to chat with or email a member of the Mentoring Team:
 - Skillsoft. (n.d.). [Mentoring 100-105 Interconnecting Cisco Networking Devices Part 1 \(ICND1\)](#). Skillsoft Ireland.
 - Skillsoft. (n.d.). [Mentoring 200-105 Interconnecting Cisco Networking Devices Part 2 \(ICND2\)](#). Skillsoft Ireland.

Request Voucher

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u01v13 - Hands-on Exam Prep: Interconnecting Cisco Networking Devices, Part 1 (ICND1)

Click the linked title heading above to access the hands-on Exam Prep.

u01v14 - Hands-On Exam Prep: Interconnecting Cisco Networking Devices, Part 2 (ICND2)

Click the linked title heading above to access the hands-on Exam Prep.

u01s7 - MCSA (Microsoft Certified Solutions Associate) - Windows Server 2012

Microsoft Certified Solutions Associates (MCSA) have demonstrated their mastery of Windows Server 2012. See the [MCSA \(Microsoft Certified Solutions Associate\) - Windows Server 2012](#) website for more information about this certification.

Complete the following Exam Prep activities to prepare for the associated Microsoft Certified Solutions Associates (MCSA) - Windows Server 2012 certification exams.

- u01v13 - Hands-on Exam Prep: Installing and Configuring Windows Server 2012
- u01v14 - Hands-on Exam Prep: Administering Windows Server 2012
- u01v15- Hands-on Exam Prep: Configuring Advanced Windows Server 2012 Services

Resources

The following resource is available to prepare for the certification exam.

- Panek, W. (2013). [MCSA—Windows Server 2012 complete study guide](#). Indianapolis, IN: Sybex.

Request Voucher

Score 90% or better on the practice exam to receive a free exam voucher from Capella. To request an exam voucher, send a screenshot of your test results that includes your ID and date stamp to examvoucher@capella.edu. If additional requirements from the certification provider exist, please provide proof of this as well.

u01v15 - Hands-on Exam Prep: Installing and Configuring Windows Server 2012

Click the linked title heading above to access the hands-on Exam Prep.

u01v16 - Hands-on Exam Prep: Administering Windows Server 2012

Click the linked title heading above to access the hands-on Exam Prep.

u01v17 - Hands-on Exam Prep: Configuring Advanced Windows Server 2012 Services

Click the linked title heading above to access the hands-on Exam Prep.

u01s8 - MCSE (Microsoft Certified Systems Engineer)

MCSEs are proficient at running highly efficient and modern data centers. Their knowledge base includes identity management, systems management, virtualization, storage, and networking. See the [MCSE \(Microsoft Certified Systems Engineer\)](#) website for more information about this certification.

Compete the following Exam Prep activities to prepare for the associated MCSE (Microsoft Certified Systems Engineer) certification exams.

- u01v16 - Hands-on Exam Prep: Installing and Configuring Windows Server 2012
- u01v17 - Hands-on Exam Prep: Administering Windows Server 2012
- u01v18 - Hands-on Exam Prep: Configuring Advanced Windows Server 2012 Services
- u01v19 - Hands-on Exam Prep: Designing and Implementing a Server Infrastructure
- u01v20 - Hands-on Exam Prep: Implementing an Advanced Server Infrastructure
- u01v21 - Hands-on Exam Prep: Microsoft Administering SQL Server 2012 Databases

Request Voucher

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u01v18 - Hands-on Exam Prep: Installing and Configuring Windows Server 2012

Click the linked title heading above to access the hands-on Exam Prep.

u01v19 - Hands-on Exam Prep: Administering Windows Server

Click the linked title heading above to access the hands-on Exam Prep.

u01v20 - Hands-on Exam Prep: Configuring Advanced Windows Server 2012 Services

Click the linked title heading above to access the hands-on Exam Prep.

u01v21 - Hands-on Exam Prep: Designing and Implementing a Server Infrastructure

Click the linked title heading above to access the hands-on Exam Prep.

u01v22 - Hands-on Exam Prep: Implementing an Advanced Server Infrastructure

Click the linked title heading above to access the hands-on Exam Prep.

u01v23 - Hands-on Exam Prep: Microsoft Administering SQL Server 2012 Databases

Click the linked title heading above to access the hands-on Exam Prep.

Course Resources

Microsoft Administering SQL Server 2012 Databases

u01v24 - Hands-on Exam Prep: Developing SQL Databases

Click the linked title heading above to access the hands-on Exam Prep.

u01s9 - SAS Certified Base Programmer for SAS 9

As an SAS-certified base programmer for SAS 9 you will be able to:

- Read and create data files.
- Manipulate and transform data.
- Combine SAS data sets.
- Create basic detail and summary reports.
- Identify and correct data, syntax, and programming logic errors.

Instructions

To access the SAS courses, you will need an SAS account. If you have not already set up an account, see the [Recommended SAS E-Courses Schedule](#) for more information.

Resources

To help prepare for the certification exam, complete the following training modules:

- SAS Programming 1: Essentials (11 lessons).
- SAS Programming 2: Data Manipulation Techniques (12 Lessons).
- Creating Reports and Graphs with SAS Enterprise Guide (EG 7.1) (6 lessons).

The following Capella library ebook is also recommended:

- SAS Institute. (2019). [*SAS certified specialist prep guide: Base programming using SAS 9.4*](#). Cary, NC: SAS Institute.

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u01s10 - SAS Certified Advanced Programmer for SAS 9

SAS-certified advanced programmers have demonstrated a high level of programming expertise. Advanced programmers:

- Use advanced data step programming statements and efficiency techniques to solve complex problems.
- Write and interpret SAS SQL code.
- Create/use the SAS MACRO facility.

Instructions

To access the SAS courses, you will need an SAS account. If you have not already set up an account, see the [Recommended SAS E-Courses Schedule](#) for more information.

Resources

To help prepare for the certification exam, complete the following training modules:

- SAS Programming 3: Advanced Techniques and Efficiencies (8 Lessons).
- SAS SQL 1: Essentials (8 Lessons).

- SAS Macro Language 1: Essentials (6 Lessons).

The following Capella library ebook is also recommended:

- SAS Institute. (2014). [*SAS certification prep guide: Advanced programming for SAS 9 \(4th ed.\)*](#). Cary, NC: SAS Institute.

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u01s11 - SAS Certified Statistical Business Analyst Using SAS 9

SAS-certified statistical business analysts use SAS/STAT software to conduct and interpret complex statistical data analysis.

Instructions

To access the SAS courses, you will need an SAS account. If you have not already set up an account, see the [Recommended SAS E-Courses Schedule](#) for more information.

Resources

To help prepare for the certification exam, complete one or both of the following training modules:

- Statistics 1: Introduction to ANOVA, Regression, and Logistic Regression (6 Lessons).
- SAS Enterprise Guide: ANOVA, Regression, and Logistic Regression (5 Lessons).

Request Voucher

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u01s12 - SAS Certified Predictive Modeler (SAS Enterprise Miner 13)

SAS-certified predictive modelers must have a full understanding and mastery of the predictive modeling functionalities available in SAS Enterprise Miner. Successful candidates will be able to:

- Prepare data.
- Build predictive models.
- Assess and implement models.
- Perform pattern analysis.

Instructions

To access the SAS courses, you will need an SAS account. If you have not already set up an account, see the [Recommended SAS E-Courses Schedule](#) for more information.

Resources

To help prepare for the certification exam, complete the following training modules:

- SAS Enterprise Guide 1: Querying and Reporting (EG 7.1) (7 Lessons).
- SAS Enterprise Guide 2: Advanced Tasks and Querying (EG 7.1) (6 Lessons).
- Applied Analytics Using SAS Enterprise Miner (10 Lessons).
- Rapid Predictive Modeling for Business Analysts (EM 6.2) (3 Lessons).

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