

# INTERNATIONAL CERTIFIED CAATS PRACTITIONER

# ICCP



International Computer  
Auditing Education  
Association 21615 49A AVE  
LANGLEY, BC V3A 6C4  
CANADA

# About ICAEA

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## Association

The name of the society is INTERNATIONAL COMPUTER AUDITING EDUCATION ASSOCIATION (ICAEA), also known as INTERNATIONAL ASSOCIATION for COMPUTER AUDITING EDUCATION (IACAE). It is registered as a non-profit organization in BC, Canada with Society Incorporation Number S-0060477.



## Mission

The purposes of the society is to equip auditors with the knowledge and skills on using Computer Aided Audit Tools and Techniques (CAATTS) to accomplish their audit assignments in different fields such as ERP, ESG, Databases, Internet and e-forensic accounting.

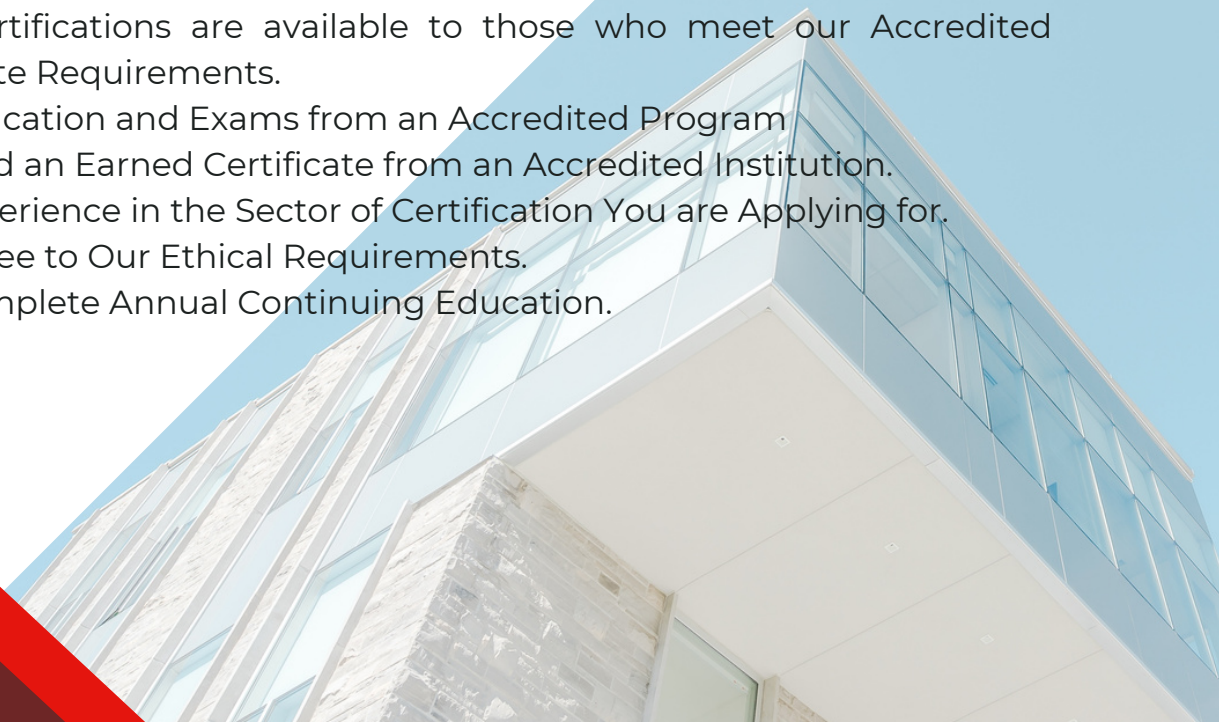
# ICCP Certificate & Background

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The International Certified CAATs Practitioner (ICCP) designation is a personal, professional certification to signify that you possess CAATs (Computer Assisted Audit Techniques) foundation knowledge and skills. Individuals qualifying for this designation must satisfy and substantiate the extensive skills and knowledge requirements established by the International Computer Auditing Education Association (ICAEA).

The Certifications are available to those who meet our Accredited Graduate Requirements.

- Education and Exams from an Accredited Program
- Hold an Earned Certificate from an Accredited Institution.
- Experience in the Sector of Certification You are Applying for.
- Agree to Our Ethical Requirements.
- Complete Annual Continuing Education.



# Objectives and Benefits of Certification

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## ➤ Objective

The Professional Certified program is intended to establish standards for initial qualification; then provide direction for the computer auditing activities through an aggressive education program and specification of an improving standard of professional competence. This certification program helps to:

1. Define the tasks (job dimensions) associated with the computer auditing activities in order to evaluate mastery of the internal control and internal audit activities.
2. Motivate personnel having computer auditing responsibilities to maintain their professional competency.
3. Acknowledge attainment of an acceptable standard of professional competency.
4. Assist individuals in improving and enhancing their organization's computer auditing programs (i.e., provide a mechanism to lead a professional).



## ➤ Benefits

- Take your resume to the next level with your new Certification in Computer Auditing.
- To gain equal status for a job interview or to attain promotion.
- For prestige; for example, to gain acceptance or a title.
- Right to Use Certificate Credentials on Resume, Business Cards, and office while in good standing.
- To gain recognition for knowledge and experience obtained in your profession.
- Increased self esteem and respect from others.

# **CODE OF ETHICS**

The code summarizes aspirations at a practical level to enable all Computer Auditing Professionals and Practitioners can easy to understand, remember and practice. It is so called "Ten Commandments for Computer Auditing". All of them shall commit themselves to adhere the following Ten Principles:

1. Accept full responsibility for their own computer auditing work.
2. Keep private any confidential information gained in their professional work.
3. Ensure that they are qualified for any project on which they work or propose to work.
4. Ensure an appropriate method is used for any computer auditing project on which they work or propose to work.
5. Ensure that their computer auditing scripts and related modifications meet the highest professional standards possible.
6. Maintain integrity and independence in their professional judgment.
7. Not engage in deceptive financial practices such as bribery, double billing, or other improper financial practices.
8. Participate in lifelong learning regarding the practice of their profession.
9. Assist audit team members in professional development and become more audit efficient.
10. Promote public knowledge of computer auditing.



INTERNATIONAL COMPUTER AUDITING  
EDUCATION ASSOCIATION

# FLEXIBLE LEARNING

## CHOOSE YOUR WAY TO STUDY

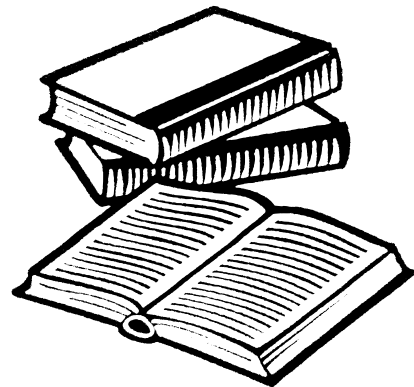
### IN-PERSON

In-Person classes can be provided for candidates who thrive on personal interaction and feedback from instructor and peers (24 hours).



### VIRTUAL LIVE

The virtual live training format combines structured schedule, instructor and peer interaction of the live format with a daily meetings as detailed in the announced calendar



### ONLINE INSTRUCTOR LED

For on the go candidate with a changing schedule, you can conduct self-study format to learn through dynamic, multi media experience. (4 Hours online office hours)



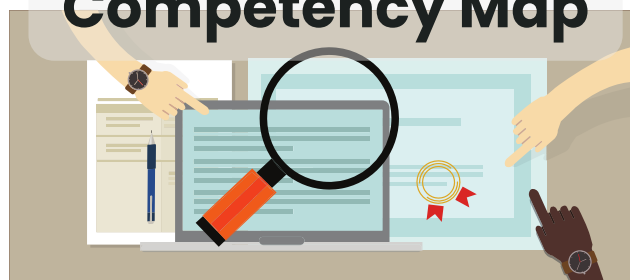
### **TOOLS & TECHNOLOGY**

- CAATs (Computer Assisted Audit Techniques) Software: ACL or IDEA
- Enterprise resource planning ERP software SAP ERP, Oracle ERP.
- Database Software: Oracle DBMS, MS SQL DBMS.
- Internet Software Web server, Mail server, Operation System, Firewall.

### **SKILLS**

- Critical Thinking
- Active Learning
- Complex Problem Solving
- Judgment and Decision Making

## **Computer Auditor Competency Map**



### **ABILITIES**

- Problem Sensitivity
- Inductive Reasoning
- Deductive Reasoning

### **KNOWLEDGE**

- Accounting and Finance
- Administration and Management
- Business Data Communication
- Accounting Information System
- Data Analysis and Risk Management
- Business Law



# PROGRAM CONTENTS

## Topics

## Details

Computer Auditing Overview

- Introduction
- Welcome participants
- Review agenda and make any adjustment as needed
- Legal and Ethical Issues for Computer Auditors

Understanding CAATs

- What is CAAT?
- CAAT Features
- Tools Comparison
- Computer Auditing
- Project Planning

Understanding Data

- Data Concepts
- Data Analysis Concepts
- Data Access,
- Importing Data

Data Importation & Verification  
Skill and Knowledge

- Data Quality & Validity
- Control totals & Ranges
- Missing items
- Duplicate Records

Working with Expression & Filters

- Describe the structure of a filter
- Defining different type of Data
- Filtering Data
- Filter records using a search filter

Computed Fields

- Defining what computed field is
- Types of Computed fields
- Using Unconditional Computed Field
- Using Conditional Computed Field



# Topics

# Details

Functions

- Performing Function such as Proper, Between, Year, Date, Replace

Data Analysis Skill and knowledge

- Isolating Data, Profiling Data Command such as Statistics, Classify Stratify, Age Commands
- Summarizing Data, Duplicate Entries
- Reordering data commands such as Sequence, Sort, Index, Quick Sort
- Combining Data such as merging files, (Extract And Append) Join Command and Relations Command

Audit Finding Report & Remediation Skill and Knowledge

- Reporting
- Exporting Data to Other Applications
- Export Command
- Reviewing the log



Verify a Certification

# ► International Certified CAATs Practitioner(ICCP) Examination

## Knowledge Inventory

The Knowledge Inventory component of the exam counts for 60 percent of the final grade. It is meant to test your familiarity with professional knowledge and analysis of practical application. The exam consists of multiple choice covering seven topics:

1. Computer Auditing Overview and Understanding CAATs
2. Legal and Ethical Issues for Computer Auditors
3. Computer Auditing Project Planning
4. Data Access Skill and Knowledge
5. Data Verify Skill and Knowledge
6. Data Analysis Skill and Knowledge
7. Audit Finding Report Skill and Knowledge

## Case Study

The Case Study component of the exam counts for 40 percent of the final grade. It is meant to test your familiarity with CAATs and auditing skills. The exam consists of fill in the blank, and short answer questions covering three topics:

- Data Import Implementation
- Data Verification Implementation
- Data Analysis Implementation

## Accredited Graduate Requirements

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## Designation

To attain certification, you must have a minimum passing score is 70 out of 100.

## Exam

This closed-book, 120 minutes-long certification exams is divided into two components: a Knowledge Inventory and two short computer auditing case studies. The case study is CAATs free independent. You can use any CAATs, such as ACL, IDEA, JCAATs, Picalo, etc., to attend the exam.

## Examination Fee

The ICCP certification exam fee is US \$370. All registrations are final, and no refunds are possible. You will receive your ICCP certificate within one month after passing the comprehensive exam.

**Contact Us**  
info@icaea.me

For More Information  
<https://www.icaea.net/>



A practitioner who is performing computer auditing functions must complete a total of 12 hours of acceptable CPE biennial period.