ICAEA INTERNATIONAL

INTERNATIONAL COMPUTER AUDITING EDUCATION ASSOCIATION

INTERNATIONAL CERTIFIED CAATS PRACTITIONER

ICCP

2022 / 2023



Contact Us
icaea@icaea.net
For More Information
https://www.icaea.net/

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

About ICAEA

Association

Established in 2012, there are more than 2000 ICCP certificate members around 20 countries. INTERNATIONAL COMPUTER AUDITING EDUCATION ASSOCIATION (ICAEA) is registered as a non-profit organization in BC, Canada with Society Incorporation Number S-0060477.

Mission

The purposes of the society are:

- to give the potential computer auditors an overview of the main activities of computer audit and the role of computer auditor
- to assist the potential computer auditors to become a successful computer auditor
- to define the competency of a computer auditor
- to define the learning map of a computer auditor
- to evaluate the professional quality of a computer auditor.

“Learning CAATs and becoming an ICCP is your first step to become a professional computer auditor. ”

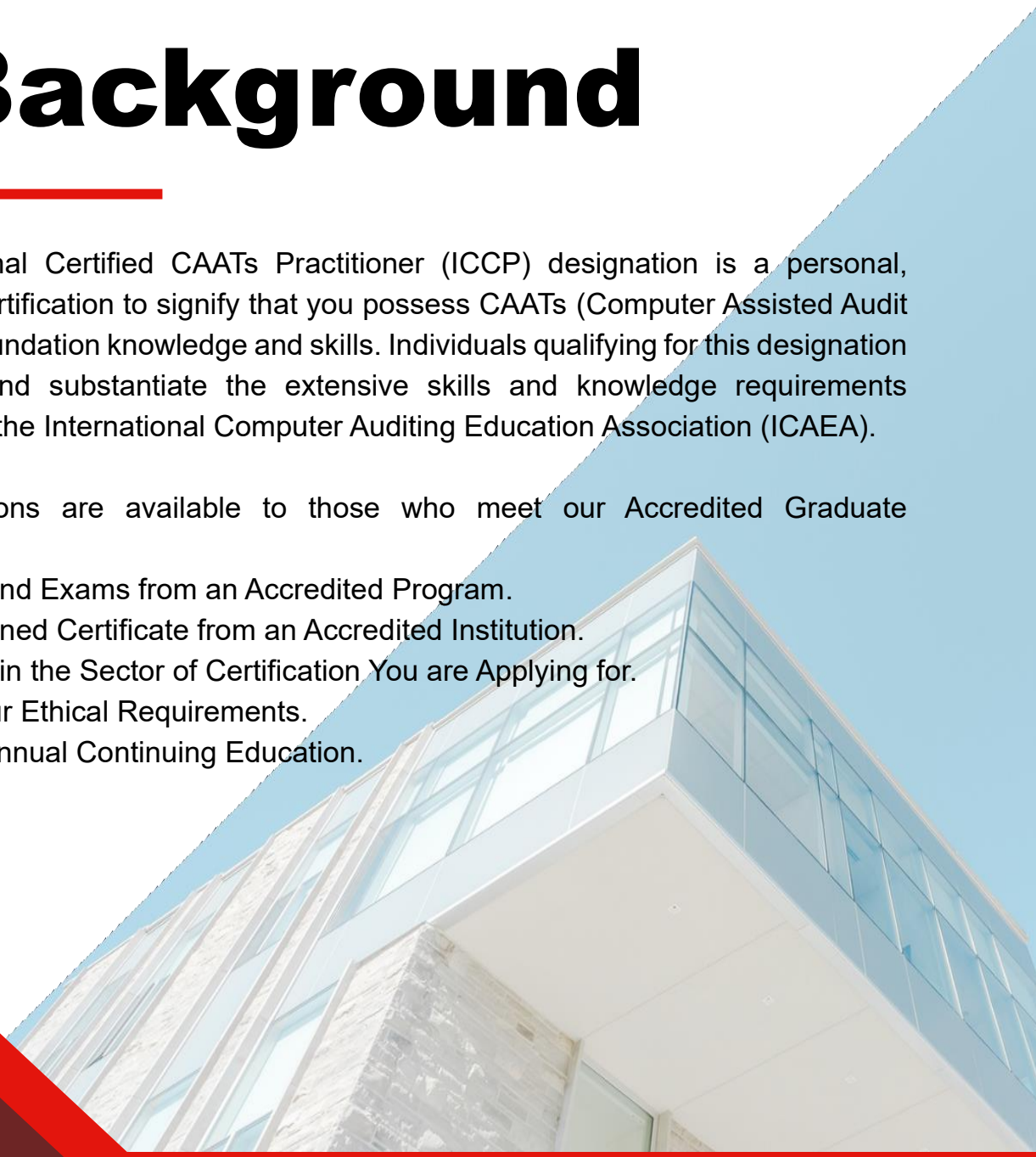
Dr. Shi-Ming (Jack) Huang , CEAP , CPA , FBCS
Chairman, ICAEA

ICCP Certificate & Background

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

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

1. Take your resume to the next level with your new Certification in Computer Auditing.
2. To gain equal status for a job interview or to attain promotion.
3. For prestige;for example, to gain acceptance or a title.
4. Right to Use Certificate Credentials on Resume, Business Cards, and office while in good standing.
5. To gain recognition for knowledge and experience obtained in your profession.
6. 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 be 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.

ICAEA INTERNATIONAL

INTERNATIONAL COMPUTER AUDITING EDUCATION ASSOCIATION

Flexible Learning

Choose Your Way To Study

Live Class

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



Online

The online format combines structured schedule and instructor and peer interaction of the live format with flexibility of self-study (2 months with a weekly meeting)



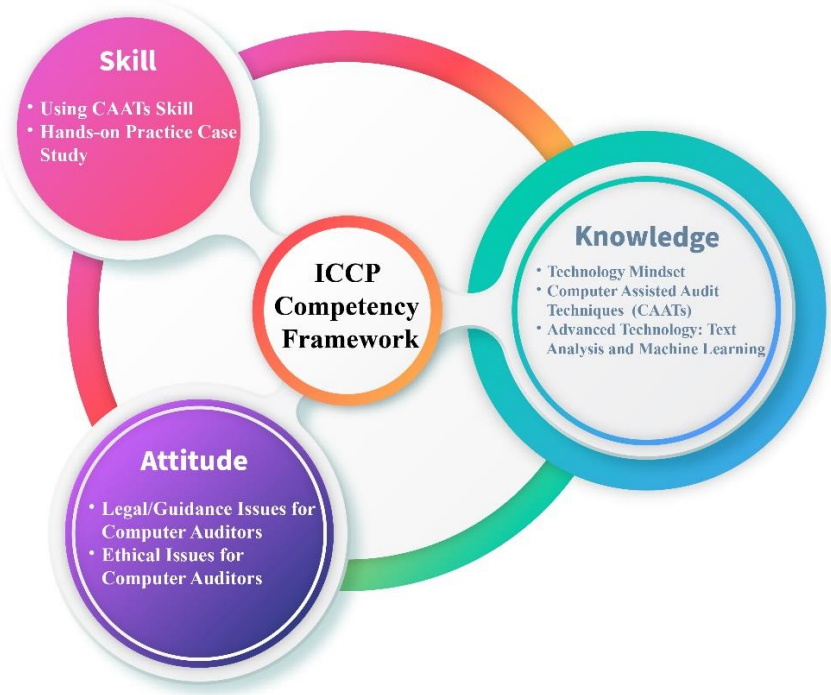
Self-Study

For on the go candidate with a changing schedule, our self-study format is a great way to learn through dynamic , multi media experience. (10 Modules need 3 months)



ICCP Competency Framework

The competency is the basic standard for all auditors when providing audit services by using CAATs. The practice of a good auditor begins primarily in the study of the computer auditing program and in the preparation of an auditor with high efficiency information technology skills in auditing.



PREPARE TO PASS THE ICCP EXAM · YOUR WAY



SELF-STUDY ACL PROGRAM

Comprehsive eLearning program for Case Studies of ICCP Exam Review Solution by using CAATs - ACL.

Learn More >



SELF-STUDY IDEA PROGRAM

Comprehsive eLearning program for Case Studies of ICCP Exam Review Solution by using CAATs - IDEA.

Learn More >



SELF-STUDY JCAATs PROGRAM

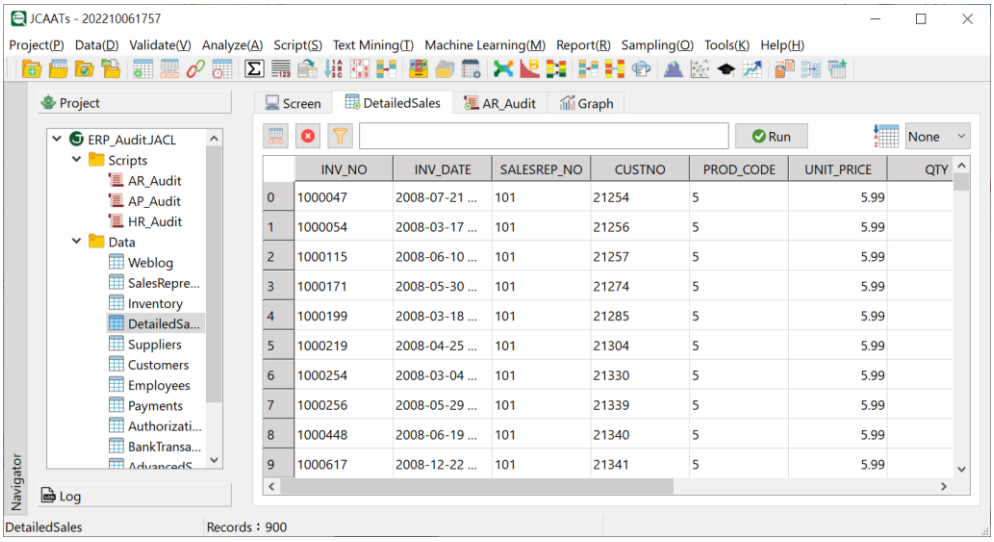
Comprehsive eLearning program for Case Studies of ICCP Exam Review Solution by using CAATs - JCAATs.

Learn More >

Exam Prep Resources

JCAATs : Python-Based CAATs

JCAATs is designed by Jacksoft with AI technology and first released in 2016, London. It can run in PC and Mac computers. Many students have used JCAATs for their ICCP exam. Join ICCP open enrollment exam and get a 3 months' trail version of JCAATs for free.

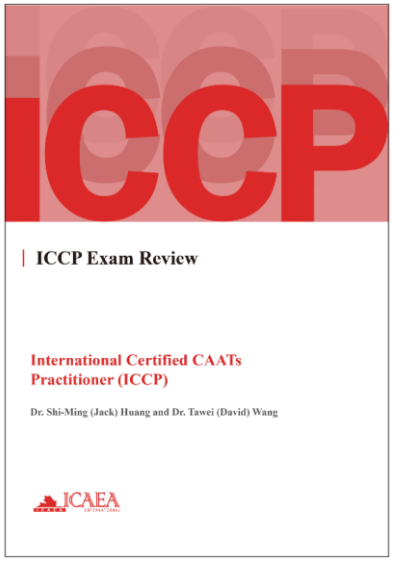


ICCP Exam Review-Book

(An Official Reference Book for International Computer Auditing Education Association)

Author：Dr. Shi-Ming (Jack) Huang
and Dr. Tawei (David) Wang

ISBN 978-986-98959-7-2



Download Sample Chapter ➤

Program contents

Topics	Details
Computer Auditing Overview	● Introduction ● Review agenda and make any adjustment as needed ● Legal and Ethical Issues for Computer Auditors
Understanding CAATs	● What is CAAT and Features? ● Tools Comparison ● Computer Auditing and Project Planning
Understanding Data	● Data and Analysis Concepts ● Data Access and Importing Data
Data Importation & Verification Skill and Knowledge	● Data Quality & Validity ● Control totals & Ranges ● Missing items and 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
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 and 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:

- Computer Auditing Overview and Understanding CAATs
- Legal and Ethical Issues for Computer Auditors
- Computer Auditing Project Planning
- Data Access Skill and Knowledge
- Data Verify Skill and Knowledge
- Data Analysis Skill and Knowledge
- 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

- 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.
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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.

ICAEA CPE SPONSORS

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