

Certified Software Manager (CSM)

Course Outline



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What Modules are covered?

Module 1 - Foundation

What is Software Asset Management?
Objectives
The structure of SAM
SAM technologies
Benefits of implementing Software Asset Management
SAM controls
SAM Risks and Drivers
Implementation approaches
Industry Standards
KSF's in SAM

Module 2 - Understanding Copyright Law

Definitions of intellectual property
IP vs Copyrights
Works protected by copyrights
Rights protected by copyrights
Economic rights
Translation and adaptation rights
Limitations and Exceptions to Rights
Duration of Copyright
Ownership and Transfer of Copyright
Enforcement of Rights
Related Rights

Module 3 - Software Piracy – the Problem Defined

What is Software Privacy?
Software Privacy Regulation
End User License Agreement
Different types of software piracy
The Dangers of Software piracy
Preventing Software piracy
Software License Compliance What and Why
Effective Software License Compliance

Module 4 - Software Licensing

What is Software Licensing?
Why Software Licenses are important?
Open source software licenses
Public domain licenses
Permissive License
Restrictive Licenses
LGPL
Proprietary Software License Types
Subscription vs Perpetual Licensing
User licensing
Publisher licensing programs
Device licensing
Network licensensing
Metered/Consumption-based Licensing
Shareware and freeware
Proprietary licenses
Benefits of Software Management
What does a software license agreement include?

Module 5 - Anti-Piracy Actions

Internal vs External Software Piracy
How to prevent External Software Piracy
How to prevent Internal Software Piracy
How to Maintain IT Compliance: Legal Requirements for a Business

Module 6 - Developing a Software Management Plan

Software Project Management overview
Building a Software Management Plan
Waterfall Methodology
Software Development Lifecycle
Agile Software Development Lifecycle
Benefits of Agile Development

Module 7 - Communicating the Plan

Writing and using a software management plan
Why develop a software management plan?
What do research funders want?
Developing your plan
Basics of a software management plan
Intellectual Property and Governance
What is policy management software?
Why effective project communication is vital for software project success?

Module 8 – Audit Management and Software Quality Assurance

What does an audit management software do?
What is an audit management system?
What is Audit Management Solutions software?
Software Quality Assurance(SQA): Plan, Audit & Review
What is the Test Management Reviews & Audit?
Why do we need SQA in Test Management process?
How to implement the quality assurance?
Software quality assurance best practice

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