

CERTIFIED TECHNOLOGY MANAGEMENT PROFESSIONAL (CTMP)



INTRODUCTION

There is a global demand for highly professional competent Technology Professionals, Managers and Head of Departments. Unfortunately there is no recognized institute that offers a comprehensive training & globally recognized certification in this area. IMRTC after recognizing the need and in consultation with senior executives and professional trainers have come up with a comprehensive certification program.

THE CERTIFIED TECHNOLOGY MANAGEMENT PROFESSIONAL (CTMP)

ABOUT CTMP

CTMP prepares an information technology generalist who will be able to help the organizations to not only formulate strategic information technology plans but also guide its implementation to operational level.

The Certified Technology Management Professional will serve as the key person to formulate the IT mission and vision, goals and objectives, strategies and actions in line with the corporate mission and vision and will be able to steer the organization smoothly through the transformation and transition processes due to dynamically changing technological environments cost effectively.

The certification will ensure that the individuals are fully aware of and follow the Professional Code of Conduct, are well equipped with the knowledge and understanding of global IT industry and its directions, understand business process development & re-engineering, business intelligence and data analysis, Information security systems and electronic equipment integration with information systems, , change management, IT portfolio and project management, financial budgeting for technology management, global IT management and service management through technology and more.

The program follows a systematic learning format with standards and guidelines, audio-visual aids, case studies with real time applications.

THE AUDIENCE

People already involved in technology and its management who want to enhance their careers and excel in the field of ‘Technology Management.’

THE CREDENTIALS

The Candidates who are looking to have this certification need a proper training of 32 Professional Training Hours (PTH) from any recognized institute and approved professional trainers of IMRTC.

The program also required a self-develop project on any case study which is provided by accredited training institute or trainer. The project required in soft form and submitted to our concerned training partners or chapters for assessment and after approval the candidate can sit in the final examination of IMRTC.

After passing the certification examination the candidates can use the credentials CTMP after their name.

PRE-REQUISITE

- Secondary degree (high school diploma, associate’s degree or the global equivalent)
- 3 years of professional experience in information technology related field for example business intelligence, business analysis, software requirement engineering, software quality assurance, systems engineering, IT risk and security, IT audit, IT sourcing, IT information architect, etc.
- 32 hours of management education from any accredited IMRTC Institute and accredited Certified Trainer

PROGRAM CONTENT

DOMAIN 1: PROFESSIONAL CODE OF CONDUCT IN TECHNOLOGY MANAGEMENT

- Chapter 1: Applied Professional Code of Conduct
- Chapter 2: Ethical Responsibilities
- Chapter 3: Core Endemic values in professional world
- Chapter 4: Ethics in Technology, Businesses Management & Law
- Chapter 5: Failures for selection of wrong frameworks in organization
- Chapter 6: intellectual property rights, government regulations, privacy, information security and cybercrime

DOMAIN 2: RECRUITMENT, SELECTION & RETENTIONS OF PROFESSIONALS

- Chapter 7: Policies with relates to hiring of Technology Professionals
- Chapter 8: Strategic Organogram for Technical Skilled Professionals
- Chapter 9: Retention of Technology Professional
- Chapter 10: Promotional Policies
- Chapter 11: Career Plans for technical Staff
- Chapter 12: Job Description according to strategy
- Chapter 13: Separate Appraisal Systems for technologists
- Chapter 14: Setting of Key Performance Indicators
- Chapter 15: Physical and Electronic Security Awareness

DOMAIN 3: INFORMATION TECHNOLOGY MANAGEMENT & STRATEGY

- Chapter 16: Introduction to Managing Technology
- Chapter 17: Selection of Appropriate Hardware & Software
- Chapter 18: Managing Datacenters
- Chapter 19: Managing Power Systems
- Chapter 20: Selection of Software, ERPs and CRMs
- Chapter 21: Managing Operating System & Policies
- Chapter 22: SDLC with respect to Methodology, Technology and its Management
- Chapter 23: Managing Applications, Requirements and its Policies
- Chapter 24: Managing Change in uncovered requirements in Applications or infrastructure
- Chapter 25: Managing & Defining business rules

- Chapter 26: Managing Documentations & Tools
- Chapter 27: Translating business rules and requirements into technical requirements
- Chapter 28: Managing Storage
- Chapter 29: Managing Web Applications
- Chapter 30: Managing Cloud Applications
- Chapter 31: Managing Networks and Policies
- Chapter 32: Managing Remote Users and Servers
- Chapter 33: Managing Intranet, Extranets
- Chapter 34: Managing Disasters in Technology & Impact on Businesses

DOMAIN 4: MODERNIZATION OF ORGANIZATION & PLANNING

- Chapter 35: Developing Future Strategies regarding Technology
- Chapter 36: Technology Enhancement with respect to Business Plans
- Chapter 37: Data Management & Custodians
- Chapter 38: Other Electronic Systems Integration & Monitoring
- Chapter 39: Access Control Systems
- Chapter 40: Integration of Business Modules & Policy Making
- Chapter 41: New Goals of Organization & Resource Management of Technology
- Chapter 42: Short & Long terms Plans with respect to Technology
- Chapter 43: Business Process Re-engineering techniques & its Management

Domain 5: PORTFOLIO & PROJECT MANAGEMENT

- Chapter 44: Introduction to Portfolio, Program & Project Management
- Chapter 45: Life Cycle Management in Technology
- Chapter 46: Organization's Goals and its Project Planning
- Chapter 47: Project Execution, Monitoring & Implementation with respect to Technology
- Chapter 48: Project Procurements and Justifications

DOMAIN 6: FINANCIAL BUDGETING FOR TECHNOLOGY MANAGEMENT

- Chapter 49: Developing Budgets according to Projects & Business Goals
- Chapter 50: Usage of Project Costing Methods
- Chapter 51: Financial Management of Projects
- Chapter 52: Financial Requirements according to Projects
- Chapter 53: Developing Processes for the usage of Budgets
- Chapter 54: Financial Audits with respect to Projects

Chapter 55: Systematic Closing Structures of Project and Its financial implications

DOMAIN 7: INFORMATION SECURITY SYSTEMS IN TECHNOLOGY MANAGEMENT

Chapter 56: Developing Information Security Policies for Technical Infrastructure

Chapter 57: Defining Roles and Duties with respect to Infrastructure

Chapter 58: Implementing Information Security Systems according to recent guidelines and standards

Chapter 59: Information Security Systems in Physical Access

Chapter 60: Information Security Systems in Logical Access

Chapter 61: Information Security Systems in Environmental

Chapter 62: Information Security Systems in Networks

Chapter 63: Knowing of Threats, vulnerabilities, and Cyber Crimes in usage of technology

Chapter 64: Knowing of Forensics of Technologies using in Organizations

DOMAIN 8: BUSINESS INTELLIGENCE & DATA ANALYSIS

Chapter 65: Introduction to Business Intelligence

Chapter 66: Using of Business Intelligence in Competitive Intelligence in Organizations

Chapter 67: Using of Customer Relationship Management

Chapter 68: Data warehousing

Chapter 69: Data-Marts

Chapter 70: Modeling Techniques

Chapter 71: Managing BI Tools in using of different technologies

DOMAIN 9: GLOBAL TECHNOLOGY MANAGEMENT

Chapter 72: Organizations across globe

Chapter 73: Impact of Globalization & Internationalization

Chapter 74: Organizational Cultures & Issues

Chapter 75: Technological Architecture, Strategy, Frameworks, Standards, and Controls

Chapter 76: Managing International Legal Issues

DOMAIN 10: SERVICE MANAGEMENT THROUGH TECHNOLOGY

Chapter 77: Today's Services in the organizations

Chapter 78: Offering Services Through Technology

Chapter 79: Handling Issues, problems and SOPs with regard to Services through technology

Chapter 80: Managing Services Portfolios and Catalogs

Chapter 81: Using Standard & Guidelines through Service Management Techniques

Chapter 82: Managing Mission, Vision & Goals of the organization through Service Management

EXAM CONTENT PERCENTAGE

The table below prescribes the proportions of examination questions from each section or Knowledge Areas defined above. The exam will be based on multiple choice questions, fill in the blanks and letter writing.

CONTENT	DOMAIN WISE PERCENTAGE
DOMAIN I	5%
DOMAIN II	10%
DOMAIN III	15%
DOMAIN IV	15%
DOMAIN V	10%
DOMAIN VI	7%
DOMAIN VII	12%
DOMAIN VII	13%
DOMAIN IX	5%
DOMAIN X	8%

EXAMINATION SYSTEM

The Examinations will be held anytime in a year due to Online Examination system and provided to our accredit partners a testing center by each country chapter; in case chapter is not available in a particular country then candidates can directly approach IMRTC USA examination body through email: Examination@imrtc.org and they will be advised accordingly. The passing criteria shall be 70% of Whole Exam.

IMRTC - USA

Principal Office:

LLC 794856

711 FM 1959 Road # 402, Houston, TX, 77034

United States of America

<http://www.imrtc.org>

consortium@imrtc.org