Mapping Notation:
→ Completion of this course or course sequence should prepare students to take this certification exam
← Evidence of completion of this certification may be applied to credit by examination for this course

ITM 301 Introduction to Contemporary Operating Systems & Hardware I *
  CompTIA A+ ➔ Microsoft Certified Desktop Support Technician (MCDST) and Microsoft Certified IT Professional (MCITP):
  Enterprise Support Technician
  Waived for Microsoft Certified Desktop Support Technician (MCDST), any Microsoft MCSA/MCSE, or any
  Microsoft Certified IT Professional (MCITP)

ITM 302 Introduction to Contemporary Operating Systems II * (Sun Solaris OR Linux)
  Sun Certified System Administrator (SCSA), SCO Certified System Administrator, HP-UX Certified System
  Administrator, CompTIA Linux+, Linux Professional Institute Certified (LPIC), Novell Certified Linux
  Professional or greater, Red Hat Certified Technician or greater

ITM 311 Introduction to Object-Oriented Programming * (Introduction to Programming using Java)
  Any Sun Java certification

ITM 411 Intermediate Object-Oriented Programming *
  Sun Certified Java Programmer (SCJP) and/or Sun Certified Java Developer (SCJD)

ITM 414 Visual Programming Environments
  Microsoft Certified Solution Developer (MCSD) for Microsoft .NET
  (can be applied to ITM 414 or ITM 463 but not both)

ITM 415 Advanced Object-Oriented Programming

ITM 515 Advanced Object-Oriented Programming
  Sun Certified Web Component Developer (SCWCD)

ITM 421 Data Modeling and Applications *
  Microsoft Office Specialist (MOS) Access

ITM 423 Advanced Database Management II
  Oracle Database Administrator: Certified Associate or greater

ITM 440 Introduction to Data Networks and the Internet *

ITM 540 Introduction to Data Networks and the Internet *
  CompTIA Network+ (with ITM 441/541)

ITM 441 Network Administration and Operations

ITM 541 Network Administration and Operations
  CompTIA Network+ (with ITM 440/540)

ITM 443 Vulnerability Analysis and Control

ITM 543 Vulnerability Analysis and Control
  Certified Expert Penetration Tester (CEPT)
  ISSAF Penetration Testing Expert (I-PTE)
  OSSTMM Professional Security Tester (OPST) with Seal of Excellence (90%)

ITM 448 System and Network Security *

ITM 548 System and Network Security
  CompTIA Security+ (with ITM 478/578)
  (in work)

ITM 451 Distributed Workstation System Administration

ITM 551 Distributed Workstation System Administration
  Microsoft MCSA/MCSE on Windows Server 2003, CompTIA Server+
  Microsoft MCITP: Server Administrator (after Fall 2008)
  Microsoft MCITP: Enterprise Administrator

ITM 452 Client-Server System Administration

ITM 552 Client-Server System Administration
  Sun Certified System Administrator

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RET New 1/30/08 Revised 3/28/08
ITM 456  Introduction to Open Source Operating Systems
    CompTIA Linux+ ←→
    Linux Professional Institute Certified (LPIC) ←

ITM 461  Internet Technologies & Web Design *
    CompTIA iNet+ → (Note: Absolutely CANNOT be marketed as iNet+; please see Ray Trygstad for details.)
    Certified Internet Webmaster (CIW): Associate or greater ←

ITM 462  Web Site Application Development
ITM 562  Web Site Application Development
    Zend Certified Engineer (ZCE) ←

ITM 463  Internet Application Development

ITM 466  XML and Web Services
    Sun Certified Developer for Java Web Services (SCDJS) ←→

ITM 471  Project Management for Information Technology Management *

ITM 478  Information System Security Management
    CompTIA Security+ (with ITM 448/548) →
    (ISC)² Certified Information System Security Professional (CISSP) ←
    ISACA Certified Information Security Manager (CISM) ←

ITM 479  Data Warehousing
    Certified Business Intelligence Professional (CBIP) Mastery Level ←

ITM 526  UML-Based Software Development
    IBM Object-Oriented Analysis and Design with UML (IBM Test 486 or Sun Test 310-520) ←

ITM 532  Computer & Network Forensics
    GIAC GSSP Secure Software Programmer – Java (GSSP-JAVA) ←→

ITM 538  Coding Security
    GIAC GSSP Secure Software Programmer – Java (GSSP-JAVA) ←→

ITM 542  Wireless Technologies and Applications
    CWNP Wireless# →
    CWNP Certified Wireless Network Expert ←

ITM 546  Telecommunications Over Data Networks
    CompTIA Convergence+ →

ITM 547  Enterprise Web Application Development
    Sun Certified Business Component Developer (SCBCD) ←→

ITM 582  Business Innovation
    IPI Innovation Black Belt ←

ITM 588  Incident Response, Disaster Recovery and Business Continuity
    Associate Business Continuity Professional (ABCP), Business Continuity Certified Planner (BCCP) →
    Certified Functional Continuity Professional (CFCP), Certified Business Continuity Professional (CBCP), Master Business Continuity Planner (MBCP) ←