

FOR INTERNAL IIT USE ONLY**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 (MCS D) 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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- 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 563 Internet Application Development**
Microsoft Certified Solution Developer (MCSD) for Microsoft .NET ←
(can be applied to ITM 414 or ITM 463/563 but not both)
- ITM 466 XML and Web Services**
Sun Certified Developer for Java Web Services (SCDJWS) ↔
- ITM 471 Project Management for Information Technology Management ***
- ITM 571 Project Management for Information Technology Management**
CompTIA Project+ ↔
- ITM 478 Information System Security Management**
- ITM 578 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 518 Coding Security**
GIAC GSSP Secure Software Programmer – Java (GSSP-JAVA) ↔
- ITM 526 Data Warehousing**
Certified Business Intelligence Professional (CBIP) Mastery Level ←
- ITM 532 UML-Based Software Development**
IBM Object-Oriented Analysis and Design with UML (IBM Test 486 or Sun Test 310-520) ←
- ITM 538 Computer & Network Forensics**
(in work)
- ITM 542 Wireless Technologies and Applications**
CWNP Wireless# →
CWNP Certified Wireless Network Expert ←
- ITM 546 Telecommunications Over Data Networks**
CompTIA Convergence+ →
- ITM 567 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) ←

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