

PEARSON IT CYBERSECURITY CURRICULUM (ITCC)

AT-A-GLANCE



Pearson's IT Cybersecurity Curriculum (ITCC) series is a turn-key curriculum solution for two- or four-year degree or certificate programs. Designed to support the critical need for workforce development in cybersecurity, the Pearson ITCC provides multi-modal, real-world focused, hands-on courseware. Tailor the ITCC to fit your specific student profile, workforce needs, and school requirements, whether as a complete program or as individual courses. The program emphasizes applied, hands-on learning and validation through certifications set by industry organizations.

Key features of the Pearson ITCC series:

- **Two parallel options for each course:** Teach as a standard course or as a certification course. Follow a particular track or pick and choose courses that fit your student profile or workforce goals for your program.

	Course	Track I – Standard Textbook Focus	Track II – Certification Focus
1	IT Fundamentals	<i>Complete CompTIA A+ Guide to IT Hardware and Software</i>	<i>CompTIA A+</i>
2	Networking Fundamentals	<i>Networking Essentials</i>	<i>CompTIA Network+</i>
3	Cybersecurity Fundamentals	<i>Computer Security Fundamentals</i>	<i>CompTIA Security+</i>
4	Linux Fundamentals for Cybersecurity	<i>Linux Essentials for Cybersecurity</i>	<i>CompTIA Linux+ XK0-004</i>
5	Ethical Hacking and Penetration Testing	<i>Penetration Testing Fundamentals</i>	<i>CompTIA PenTest+ or Certified Ethical Hacker</i>
6	Network Defense & Countermeasures	<i>Network Defense & Countermeasures</i>	
7	Cybersecurity Operations (Incident Response & Digital Forensics)	<i>A Practical Guide to Computer Forensics Investigations</i>	<i>CompTIA CySA+</i>
8	Developing Cybersecurity Programs and Policies	<i>Developing Cybersecurity Programs and Policies</i>	

** no related certification track for these courses

- **Flexible offerings:** Create certificate programs or fill in a degree program.
- **Low-priced, multi-modal delivery:** Book, online courseware and virtual labs. Books are also available through Pearson's Inclusive Access program making the curriculum even more affordable to students.
- **Mapped to Leading Industry Standards:** Be assured of compliance with industry standards and topic coverage—mapping to NSA/DHS CAE Knowledge units and aligned with NIST/NICE framework and ACM CSEC2017 Curricular guidance.
- **Powerful Online Courseware and Labs:** Delivered through the CODiE award-winning platform provided by our partner uCertify. 24x7 Tech Support, easy and intuitive to use, LMS integration for single sign on (SSO) and gradebook integration, multiple levels of formative exercises and assessment tools, ADA compliant meeting all accessibility standards, and Certificate of completion badging for each course.

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1. Book (print, eBook, or IA)
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- Series Editor: James Manly, james.manly@pearson.com
- Marketing Manager: Emily Drinkut, emily.nave@pearson.com
- Marketing Coordinator: Nick Bradley, nick.bradley@pearson.com

Follow one track or pick and choose courses from both tracks that fit your student profile or workforce goals for your program.

	Course	Track I – Standard Textbook Focus	Track II – Certification Focus
1	IT Fundamentals	Complete CompTIA A+ Guide to IT Hardware and Software 8th Ed Schmidt Book: 9780789760500 Book + Course + Labs: 9780135783764 Course + Labs: 9780136525585	CompTIA A+ Core 1 (220-1001) and Core 2 (220-1002) Cert Guide McDonald Book: 9780789760517 Book + Course + Labs: 9780136173670 Course + Labs: 9780135935408
2	Networking Fundamentals	Networking Essentials, 6th Ed Beasley & Nilkaew Book: 9780137455928 Book + Course + Labs: 9780137675319 Course Labs: 9780137675210	CompTIA Network+ N10-008 Cert Guide, Deluxe Edition Sequeira & Taylor Book: 9780137585304 Book + Course + Labs: 9780137611904 Course + Labs: 9780137611898
3	Cybersecurity Fundamentals	Computer Security Fundamentals, 4th Ed Easttom Book: 9780135774779 Book + Course + Labs: 9780136629429 Course + Labs: 9780136525585	CompTIA Security+ SY0-601 Cert Guide Santos & Taylor Book: 9780136770312 Book + Course + Labs: 9780137305452 Course + Labs: 9780137305506
4	Linux Fundamentals for Cybersecurity	Linux Essentials for Cybersecurity Rothwell & Pheils Book: 9780789759351 Book+Course+Labs: 9780789759368 Course + Labs: 9780789759344	CompTIA Linux+ XK0-004 Cert Guide Brunson & Walberg Book: 9780789760586 Book + Course + Labs: 9780136741213 Course + Labs: 9780136741169
5	Ethical Hacking and Penetration Testing	Penetration Testing Fundamentals Easttom Book: 9780789759375 Book + Course + Labs: 9780789759610 Course + Labs: 9780789759627	CompTIA PenTest+ PT0-002 Cert Guide Santos & Taylor Book: 9780137566068 Book + Course + Labs: 9780137867073 Course + Labs: 9780137909742 CEH Certified Ethical Hacker Cert Guide, 4/e Santos & Taylor Book: 9780137489985 Book + Course + Labs: 9780137689309 Course + Labs: 9780137689217
6	Network Defense & Countermeasures	Network Defense and Countermeasures, 3rd Ed Easttom Book: 9780789759962 Book + Course + Labs: 9780789759993 Course + Labs: 9780789759986	N/A
7	Cybersecurity Operations (Incident Response & Digital Forensics)	A Practical Guide to Digital Forensics Investigations, 2nd Ed Hayes Book: 9780789759917 Book + Course + Labs: 9780136890034 Course + Labs: 9780136889977	CompTIA Cybersecurity Analyst (CySA+) CS0-002 Cert Guide McMillan Book: 9780136747161 Book + Course + Labs: 9780137277001 Course + Labs: 9780137276998
8	Developing Cybersecurity Programs and Policies	Developing Cybersecurity Programs and Policies Santos Book: 9780789759405 Book + Course: 9780789759436 Course: 9780134858685	N/A



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