

AUSTRALIAN **Cyber**
Collaboration
Centre



Skills for All

A window into a world of opportunity.

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Exciting opportunity offered by CISCO and the Australian Cyber Collaboration Centre. Schools can incorporate **CISCO Skills for All courses** into their scheduled curriculum at years 10 – 12. Programs can be incorporated into their existing Digital Technology curriculum, or they can deliver Stage 1 and Stage 2 SACE, where CISCO courses have been embedded into SACE Integrated Learning programs. Detailed learning and assessment plans at stage 1 and assessment tasks are available for teachers to use and modify as necessary.

Schools interested in running these courses will be given access to the Skills for All Learning Management System where their class will be established. Teachers will have full instructor access to all available resources and will be able to monitor individual student progress.

Every individual course will provide students with an electronic badge which will provide micro-credentialing towards Cybersecurity and Networking certifications and future certification exams. All courses are free for students and schools to access. Targeted professional learning will be provided for teachers interested in running courses. The cost and dates will be determined, based on teacher needs.

Teachers interested in running any of the listed programs or wanting to know more about SACE programs, please complete the expression of interest form.

REGISTER YOUR INTEREST

BROUGHT TO YOU BY

AUSTRALIAN Cyber
Collaboration
Centre

IN COLLABORATION WITH


CISCO



CISCO

Skills for All Courses

CYBER SECURITY COURSES CISCO Certified Support Technician (CCST) Cybersecurity

Course	Level	Est Time	Course Delivery	Learning Components
Cybersecurity Essentials (includes Endpoint Security, Network Defense, and Cyber Threat Management combined)	Intermediate	70 hours	Instructor-guided or Self-paced	27 modules 53 practice labs 24 Cisco Packet Tracer activities Interactive activities & quizzes 1 final exam
Introduction to Cybersecurity	Beginner	6 hours	Instructor-guided or Self-paced	5 modules 7 practice labs Interactive activities & quizzes 1 final exam
Networking Basics	Beginner	22 hours	Instructor-guided or Self-paced	17 modules 13 practice labs Interactive activities & quizzes 1 final test
Networking Devices and Initial Configuration	Beginner	22 hours	Instructor-guided or Self-paced	12 modules 19 practice labs Interactive activities & quizzes 1 final test
Endpoint Security	Intermediate	27 hours	Instructor-guided or Self-paced	10 modules 7 labs and Cisco Packet Tracer activities 40+ interactive activities & quizzes 1 final exam
Network Defence	Intermediate	27 hours	Instructor-guided or Self-paced	11 modules 29 labs and Cisco Packet Tracer activities 58+ interactive activities & quizzes 1 final exam
Cyber Threat Management	Intermediate	16 hours	Instructor-guided or Self-paced	6 modules 16 labs and Cisco Packet Tracer activities 28+ interactive activities & quizzes 1 final exam

OPERATING SYSTEM AND PROGRAMMING

Course	Level	Est Time	Course Delivery	Learning Components
Operating Systems Basics	Beginner	12 hours	Instructor-guided or Self-paced	4 modules 18 labs
Python Essential 1	Beginner	30 hours	Instructor-guided or Self-paced	4 modules 30 practice labs Interactive activities & quizzes 1 final project 1 final test
Python Essential 2	Intermediate	40 hours	Instructor-guided or Self-paced	4 modules 21 practice labs Interactive activities & quizzes 1 final exam

NETWORKING CISCO Certified Support Technician (CCST) Networking

Course	Level	Est Time	Course Delivery	Learning Components
Networking Essentials (includes Networking Basics, Networking Devices and Initial Configuration and Network Support and Security combined)	Intermediate	65 hours	Instructor-guided	39 modules 22 practice labs 12 Cisco Packet Tracer activities 130+ interactive activities, videos, quizzes 5 module exams 1 final exam
Networking Basics	Beginner	22 hours	Instructor-guided or Self-paced	17 modules 14 practice labs Interactive activities & quizzes 1 final test
Networking Devices and Initial Configuration	Beginner	25 hours	Instructor-guided or Self-paced	12 modules 17 practice labs Interactive activities & quizzes 1 final test
Network Addressing and Basic Troubleshooting	Beginner	14 hours	Instructor-guided or Self-paced	7 modules 8 practice labs Interactive activities & quizzes 1 final test
Network Support & Security	Beginner	12 hours	Instructor-guided or Self-paced	3 modules 10 practice labs Interactive activities & quizzes 1 final test
Getting Started with Cisco Packet Tracer	Beginner	2 hours	Instructor-guided or Self-paced	Introduction to Cisco Packet Tracer and Create a simple network
Exploring Networking with Cisco Packet Tracer	Beginner	3 hours	Instructor-guided or Self-paced	2 modules
Exploring Internet of Things with Cisco Packet Tracer	Beginner	3 hours	Instructor-guided or Self-paced	2 modules

DATA ANALYSIS

Course	Level	Est Time	Course Delivery	Learning Components
Introduction to Data Science	Beginner	6 hours	Instructor-guided or Self-paced	4 modules 5 labs
Data Analytics Essentials	Beginner	30 hours	Instructor-guided or Self-paced	10 modules 29 labs

INTERNET OF THINGS

Course	Level	Est Time	Course Delivery	Learning Components
Introduction to IoT Digital Transformation	Beginner	6 hours	Instructor-guided or Self-paced	6 modules
Exploring Internet of Things with Cisco Packet Tracer	Beginner	3 hours	Instructor-guided or Self-paced	2 modules