



SPRINGBOARD Short Courses



The SBI SPRINGBOARD short courses have been designed to fast-track your learning in a particular technology topic. We use a systems approach where we work to provide context of how a technology fits into a bigger end-to-end system. We thus create vision, understanding and relevancy. The objectives behind the design of the SPRINGBOARD courses are to build a solid skills foundation that can springboard and progress you and your career and to save you time by collating and integrating a huge amount of industry information for you

Telecoms

Course name	Description	Intended Audience	Technical level	Days
Mobile and All-IP Telecoms Springboard	Your fast track to understanding the Telecoms industry. A non-technical, easy to understand introduction to the telecoms industry and its evolution, technology and terminology	Management / Sales / Non-technical/Technical	Non-technical / Strategic / Basic technical	2
Telecoms into the 2020s	Build your vision of the telco digital transformation. Understand the digital, software centric, service orientated and agile telecoms infrastructures of the future	Management / Sales / Non-technical/Technical	Non-technical / Strategic / Basic technical	2
SDN Orientation Springboard	The why, what and how of Software Defined Networking and its implementations and use cases	Management / Sales//Technical	Non-technical / Strategic / Basic technical	2
FTTx Springboard	An introduction to the concepts and technologies that combine to provide fixed broadband access across fibre	Management / Sales//Technical	Basic technical	2
IPv6 Hands-on Springboard	Learn the next generation IP protocol that will take networks into the 2020's and beyond. Practical. Hands-on.	Technicians / Engineers/ Support	Technical	5
DWDM Optical Networking Springboard	Know the inner workings of DWDM optical networks. Gain insight into the components used to implement DWDM optical networks	Technicians / Engineers/ Support	Technical	2
Sales Introduction to Telecoms Technology and Products	Custom built for an organisation. Assists sales people to understand the telecoms technology environment plus the products and solutions they are selling	Sales / Non-technical	Can vary, from basic to more technical	2 or more

Digital

Course name	Description	Intended Audience	Technical level	Days
Digital Transformation Springboard	Become versed and functional in this age of digitisation. Build your vision and understand the transformation that every industry is currently facing	Management / Sales/Non-technical/Technical	Non-technical / Strategic / Basic technical	1
Cyber Security Essentials Springboard	This introduction discusses the cyber security threats that are prevalent in networking today, cryptographic technologies and it introduces advanced methods of mitigation	Technicians / Engineers/ Support	Technical	2
IoT Implementation Springboard	A comprehensive view of end-to-end IoT architectures and technologies. Learn the broad range of IoT technology options and when to use them	Management / Sales/Technical	Basic technical	2

International CERTIFICATIONS

CERTIFICATIONS

The Open Networking Foundation (ONF) is a non-profit operator led consortium driving transformation of network infrastructure and carrier business models. The ONF-Certified SDN Associate program provides a strong foundation of vendor-neutral knowledge and skills validation for professionals wishing to improve their careers and gain advancement in the world of software defined networking (SDN).

The CCC is a leading provider of vendor-neutral certification programs that empower IT and business professionals in their digital transformation journey. The CCC has been supporting the professional development of professionals since 2013, and has delivered certifications in over 75 countries across all types of industries and governmental agencies.



Course name	Description	Intended Audience	Technical level	Days
SDN Engineering Primer (ONF SDN Associate certification)	What you need to know to successfully implement SDN. Practical. Hands-on. Become certified as an ONF Associate - a globally recognised industry qualification. Complimentary Raspberry Pi	Technicians / Engineers/ Support	Technical	5



Course name	Description	Intended Audience	Technical level	Days
CCC Big Data Foundation	The A to Z of Big Data. Learn about the concept of Big Data. How collected and stored data can be used to provide detailed analysis to empower a connected world	Management / Sales / Non-technical/Technical	Non-technical / Strategic / Basic technical	2
CCC Blockchain Foundation	The fundamental guide to Blockchain. Learn the operation of latest technology of blockchain	Management / Sales / Non-technical/Technical	Non-technical / Strategic / Basic technical	2
CCC IoT Foundation	Build a foundation in IoT networking. Learn the operation of modern, IoT architectures and the associated technologies to make a modern connected world a reality	Management / Sales / Non-technical/Technical	Non-technical / Strategic / Basic technical	2

A skills programme is a set or cluster of unit standards gathered from a qualification, combined to form a short course with credits. The skills programmes are often implemented to meet the needs of the employer to enhance employees' knowledge for a particular skill. Discretionary grants are paid out at the discretion of SETA management for skills programmes linked to scarce and critical skills

A skills programme can culminate into a qualification when an interested learner continues to pursue the completion of the remaining unit standards. Skills programmes are implemented by employers for both employed and unemployed learners.

Telecoms

Course name	Description	Intended Audience	Technical level	Days
All-IP Telecoms Fundamentals Skills Programme	Telecoms Essentials, All-IP Essentials and unit standards leading to MICT Seta qualification 59057	Technicians / Engineers/ Support / Interns / Graduates	Technical	10
IP Platform: Certificate in Next Generation Telecoms SKILLS PROGRAMME	Introduction to Mobile Converged Data Networks, Transmission Technologies , Implementing IP Data Networks, Next Generation Networks and unit standards leading to MICT Seta qualification 59057 with Pearson Certificate	Technicians / Engineers/ Support / Interns / Graduates	Technical	20
SDN Skills Programme	SDN Orientation SPRINGBOARD, SDN Engineering Primer, Coding Principles - Online learning and assignments and unit standards leading to MICT Seta qualification 78965	Technicians / Engineers/ Support	Technical	8
IPv6 Hands-on Skills Programme	IPv6 Hands-on SPRINGBOARD and unit standards leading to MICT Seta qualification 59057	Technicians / Engineers/ Support	Technical	5
Plan and Implement Secure Small Business Networks Skills Programme	Learn to setup a home or small business network and configure computers, phones, TVs, printers, cameras etc. to securely connect to the Internet and unit standards leading to MICT Seta qualification 59057	Youth / Interns / Technicians / Engineers / Entrepreneurs	Technical	10

Digital

Course name	Description	Intended Audience	Technical level	Days
Digital Platform: Certificate in Software Centric Networking SKILLS PROGRAMME	Digital Transformation SPRINGBOARD, Software Centric Principles and Thinking, SDN Orientation SPRINGBOARD, IoT Implementation SPRINGBOARD, Cyber Security Essentials SPRINGBOARD and unit standards leading to MICT Seta qualification 78965 with Pearson Certificate	Management / Sales / Non-technical/Technical / Interns / Graduates	Basic technical	8
Cyber Security Skills Programme	Cyber Security Essentials Springboard and unit standards leading to MICT Seta qualification 48573	Technicians / Engineers/ Support	Technical	4
Data Literacy Skills Programme	CCC Big Data Foundation, Software Centric Principles and Thinking, Hands-on Data, Coding Principles - Online learning and assignments and unit standards leading to MICT Seta qualification 78965	Management / Sales / Non-technical/Technical	Non-technical / Strategic / Basic technical	6
IoT Skills Programme	IoT Foundation CCC Certification, IoT Implementation SPRINGBOARD and unit standards leading to MICT Seta qualification 59057	Management / Sales / Non-technical/Technical	Basic technical	4