



Ref: SDC/CR/21-21,

Dt:09.12.21.

Dear students,

It is our continuous endeavour to put the world renowned and industry oriented courses at your disposal. Below is our recommended course structure to be completed before your last semester. You are free to change the course selection and timeline basing on your subject interest.

GSDC RECOMMENDED COURSES - TIME LINE

Year/Sem	Recommended Course(s)
1/1	C, Adv C, C++, Adv C++
1/2	Python, Java (JSE)
2/1	CCNA (ITN), DevNet
2/2	CCNA SRWE & ENSA
3/1	AWS ACF, ACA
3/2	LINUX, IoT
4/1	BLUEPRISM, CELONIS
4/2	Cyber Security



CISCO NETACADEMY COURSES.

S.NO	CATEGORY	NAME OF THE COURSE
1	Languages	CLA - Programming Essentials in C CLP - Advanced Programming in C CPA- Programming Essentials in C++ CPP - Advanced Programming in C++ PCAP - Programming Essentials in Python JavaScript Essentials 1 (JSE)
2	Networking CCNA	Introduction to Networks (ITN). Switching, Routing, and Wireless Essentials (SRWE). Enterprise Networking, Security, and Automation (ENSA).
	CCNP	CCNP Enterprise: Core Networking CCNP Enterprise: Advanced Routing.
3	DevNet	DevNet Associate
4	Operating Systems	Linux Unhatched Linux Essentials Linux I Linux II
5	Internet of Things (IoT)	Introduction to IoT IoT Fundamentals: Connecting Things IoT Fundamentals: Big Data & Analytics IoT Fundamentals: IoT Security IoT Fundamentals: Hackathon Playbook Introduction to the Internet of Everything
6	Security	Introduction to Cybersecurity Cybersecurity Essentials CyberOps Associate CCNA Cybersecurity Operations CCNA Security Network Security Cloud Security
7	Simulator	Introduction to Packet Tracer
8	Essentials	IT Essentials: PC Hardware and Software Networking Essentials.



AMAZON AND OTHER COURSES.

S.NO	CATEGORY	NAME OF THE COURSE
1	AMAZON AWS COURSES	AWS Academy Cloud Foundations (ACF) AWS Certified Solutions Architect (ACA) AWS Machine Learning Foundations (AMLF)
2	REDHAT	Red Hat Certified System Administrator (RHCSA) Red Hat Certified Engineer (RHCE)
3	BLUE PRISM UNIVERSITY (Robotic Process Automation)	Blue Prism Academy Foundation Blue Prism Academy Associate Developer
4	CELONIS	Celonis Process Mining Fundamentals Celonis Process Mining Expert
5	PALO ALTO NETWORKS	Palo Alto Networks Certified Cybersecurity Entry-level Technician (PCCET) Palo Alto Networks Certified Network Security Administrator (PCNSA)
6	JUNIPER NETWORKS	Juniper Networks Certified Associate (JNCIA) - JUNOS (R & S) Juniper Networks Certified Associate (JNCIA) - Cloud
7	MICRO CHIP	ATMEGA 16 (Micro controller)

For any queries contact,

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