

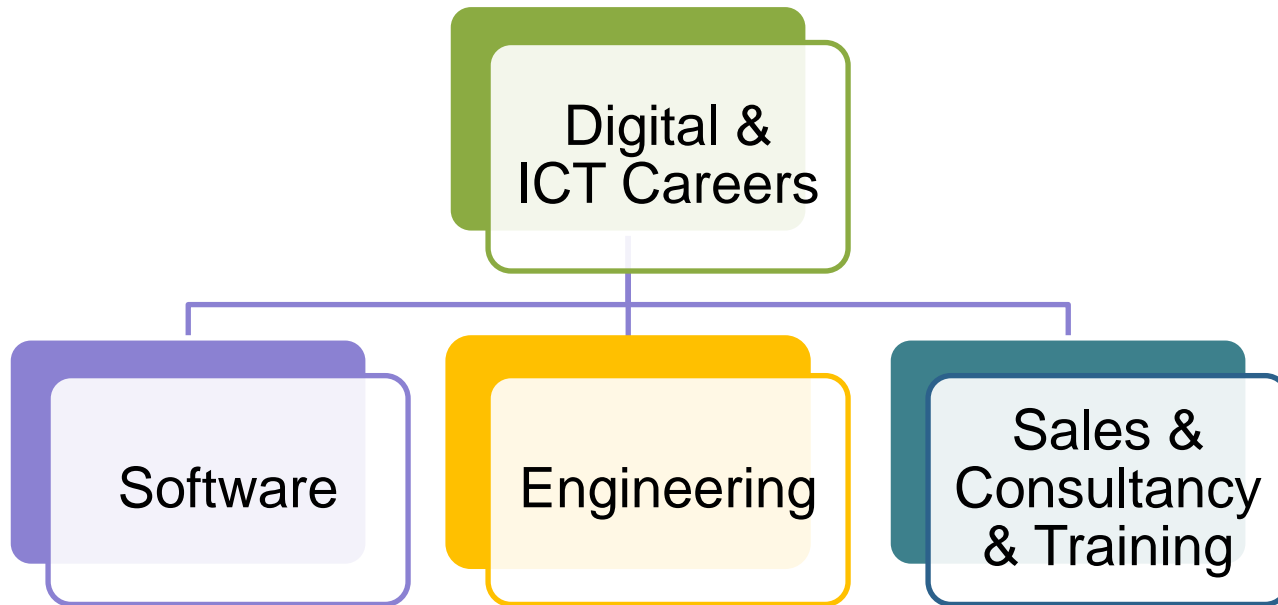


# Taking a Career in ICT

Carm Cachia  
eSkills Malta Foundation

“ A Career in ICT is extremely **inspirational** due to the ever emerging technology, application and the diverse projects and tools you will be involved in.

But it is a **serious Career equal with the other careers**



## SOFTWARE



- Developer
- Systems Analyst
- Database Designer
- Multimedia, UI, UX Dev
- Software Testing
- Cybersecurity

## ENGINEERING



- Computer Technician
- Computer Engineering
- Network Engineering

## SALES, CONSULTANCY, TRAINING, SUPPORT



- Computer Sales
- Systems Consulting
- Systems Support
- Training

Applications  
Software  
Development

Mobile  
Development

Web & Social  
Media  
Development

# Software Services

Game  
Development

Artificial  
Intelligence

Graphics &  
Digital Media  
Design

Cybersecurity

Database  
Design and  
Architecture

Business  
Analysis

Data  
Analytics

Core Hardware  
(PC/laptop/  
server)

Computer  
Centres

# Engineering

Networking  
(Routers, Modems  
Switches)

Enterprise  
Architecture

Gadgets,  
Mobiles,  
tablets, IoT  
devices

Micro & Nano  
Technology  
Engineering

Sales  
Business  
Development

Applications  
Software  
Training

Information  
Systems  
Consulting

Computer  
Systems  
Training  
(Devices)

Software  
Support

Systems  
Support

**Sales, Consultancy,  
Training, Support**

# EDUCATION PATHS



There are different routes and education paths, all having different outcomes. There is all the opportunities in the ICT Education

## **FORMAL EDUCATION**

Intro Certificate – Foundation Certificate – Diplomas – Advanced Diplomas – High Diplomas – Degree -- Masters

## **PROFESSIONAL INSTITUTES**

British Computer Society (BCS), The Institution of Engineering & Technology (IET), Institute of Analyst & Programmers (IAP), Association of Business Analysts (ABA)

## **INDUSTRY CERTIFICATIONS - NON-TECHNOLOGY SPECIFIC**

PC Tech & Networking, Cybersecurity, Development, Cybersecurity, Systems Analysis, Project Management

## **INDUSTRY CERTIFICATIONS - TECHNOLOGY SPECIFIC**

Microsoft, Cisco, Oracle, Citrix, SAP, HP, Red Hat, Vmware, Checkpoint, etc

## Advanced Diploma in IT (MQF Level 4)

- Computer Systems & Networks
- Multi Media Software Development
- Software Development
- iGaming

## Diplomas (MQF Level 3)

- Diploma in ICT
- Diploma in iGaming
- ALP+ Extended Diploma in ICT

## Foundations (MQF Level 2)

- Foundation Certificate in ICT

## Certificates (MQF Level 1)

- Introductory Certificate in ICT

## Bachelor of Science (Hons) (MQF 6)

- Computer Systems and Networks
- Software Development
- Creative Computing (previously Multimedia Software Development)
- Applied Data Sciences (previously Business Analytics)
- Applied Technology
- Digital Games Development
- Cybersecurity

## Masters (MQF Level 7)

- Various ICT Subjects

## Part-Time Courses (Not free)

- Network Design and Infrastructure
- Database Development
- Programming in Python or Java
- Unity Game Development

Vocational and Training Institution  
*Apprenticeship & Work-Based Learning*

## Private Ones

- St Martin's Institute
- University of London
- Middlesex University
- Domain Academy
- Hertfordshire University
- ICE

## UNIVERSITY OF MALTA

### Bachelor of Science (Hon) (MQF Level 6)

- Computer Engineering
- Computing Science
- Accountancy and Information Systems
- IT (Artificial Intelligence)
- Language Technology and Artificial Intelligence
- IT (Computing & Business)
- IT (Software Development)

### Certificate Foundation Studies (MQF Level 4)

- ICT Foundational Studies

### Masters (MQF Level 7)

- Various ICT Subjects (*AI, Digital Health, Human Language & technology, Micro Electronics, Telecomms Engineering, etc*)

### Part-Time Day/Evening (Not Free)

- Various ICT Subjects



**THANKS!**

# Any questions?

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