

VOCATIONAL STUDIES & APPRENTICESHIPS IN ICT

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VET Reform

Since 2001, VET reform has been at the heart of Malta's response to economic and social challenges.

To help people:

- Develop skills in line with their aspirations and labour market needs
- Value skills developed outside of education and training

Important pillars in VET reform:

- Reforms in compulsory education and apprenticeship and work-based learning
- Strategies to guide early leaving, active ageing, literacy, lifelong learning
- Comprehensive qualifications framework
- Expanding opportunities for validation

MCAST

“Ensures that the knowledge, skills and competencies are appropriate and relevant to a dynamic and forward-looking economy”

- Established in 2001
- The country’s leading vocational education and training institution
- Six institutes in Malta and the Gozo Campus
- 185 full-time and over 300 part-time vocational courses (MQF Level 1 to MQF Level 6)
- Population of around 6,650 students
- Close collaboration with local industries

Institute of ICT

“to provide universally accessible vocational and professional education and training with an international dimension, responsive to the needs of the individual and the economy.”

- Population of around 1,150 students (MQF levels 1 - 6)
- Phased out BTEC with new National Qualifications
- Introduction of Apprenticeship and Internship schemes (MQF levels 4 and 5)
- Work exposure to MQF level 3 students
- 3 new streams:
 - Multimedia Software Development
 - Business Analytics
 - End User Support

Industry Relevant Curriculum

MALTA ICT SKILLS AUDIT 2017 Disciplines

Disciplines	Software Development	Multimedia Software Development	Business Analytics	Computer Systems and Networks	End User Support
1. Programming/Development Methodologies	✓	✓	✓		
2. Mobile Technology/Development Platform	✓	✓			
3. Web Development/Technologies	✓	✓	✓		
4. Software Development Tools & Methodologies	✓	✓	✓		
5. Cloud Computing	✓	✓	✓	✓	
6. Platform Administration				✓	✓
7. DevOps				✓	
8. Networking Technologies				✓	✓
9. Big Data	✓	✓	✓		
10. Enterprise Applications	✓		✓		
11. E-Business/Digital Marketing		✓	✓		
12. Call Centre/Contact Centre Support				✓	✓
13. Digital Skills Media		✓			
14. Games Development		✓			
15. Project Management	✓	✓	✓	✓	



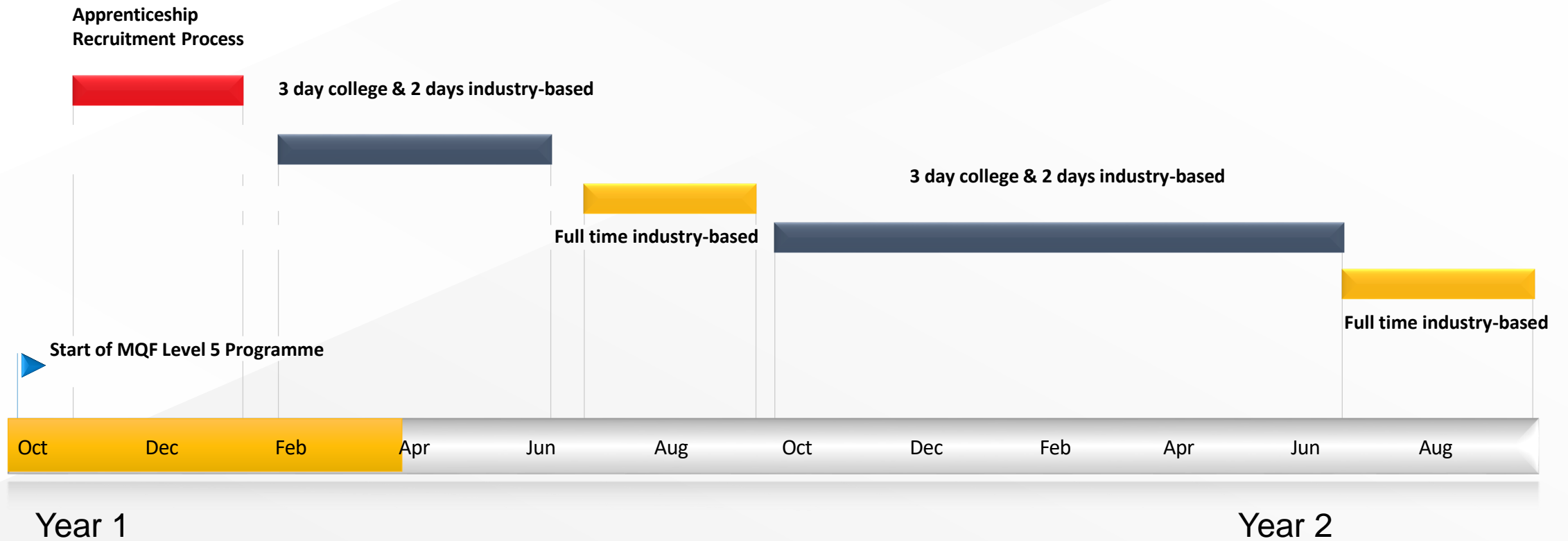
Apprenticeship Scheme

Typical Apprenticeship Model MQF Level 4 (ECVET 120)

1600 hrs of Industry-based Learning/Training (2 Year)

- Launched in 2014 offered optional for students at level 4 following:
 - Software Development
 - Computer Systems and Networks
- In 2015 included two new streams:
 - End User Support
 - Multimedia Software Development
- In 2016 offered only to:
 - End User Support
 - Computer Systems and Networks

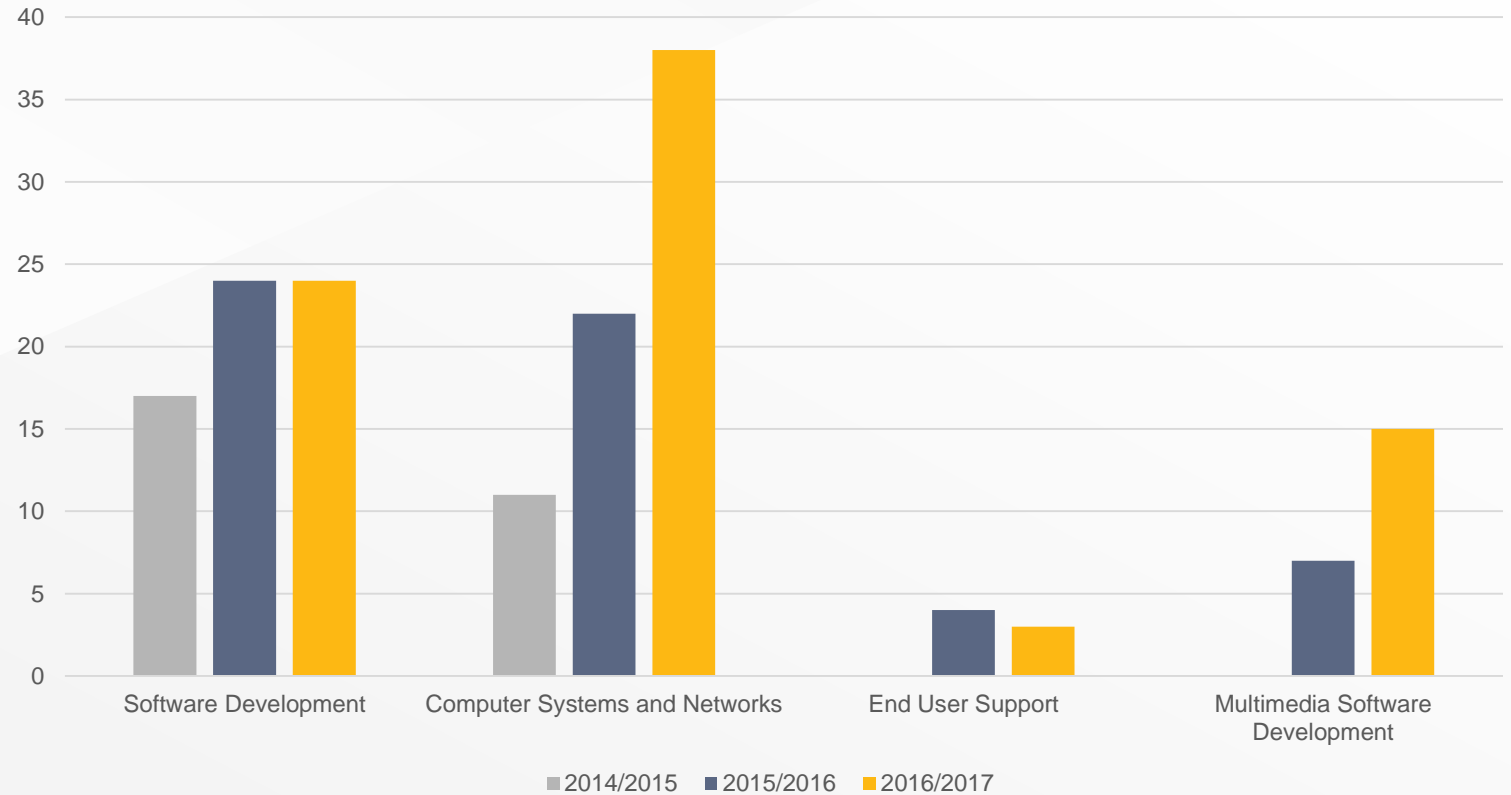
Apprenticeship Scheme



Apprenticeship Scheme



MCAST ICT Advanced Diploma Apprenticeship Scheme

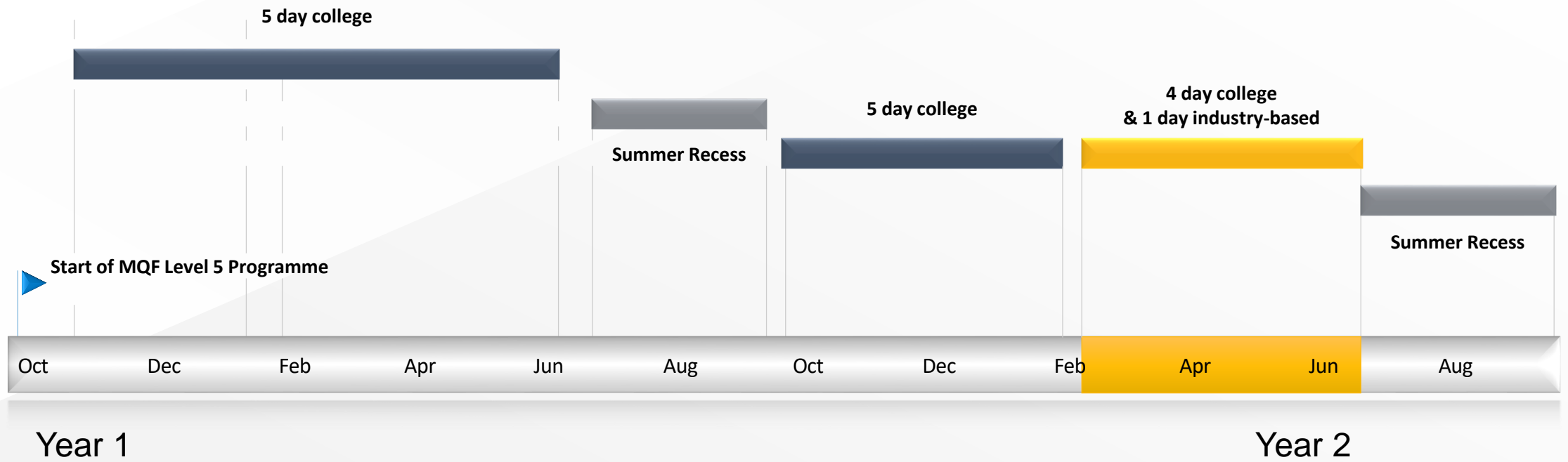


Internship Scheme

180 hours of work placement for level 5 second year students

- Software Development
- Computer Systems and Networks
- Multimedia Software Development
- Business Analytics (to be introduced next scholastic year)

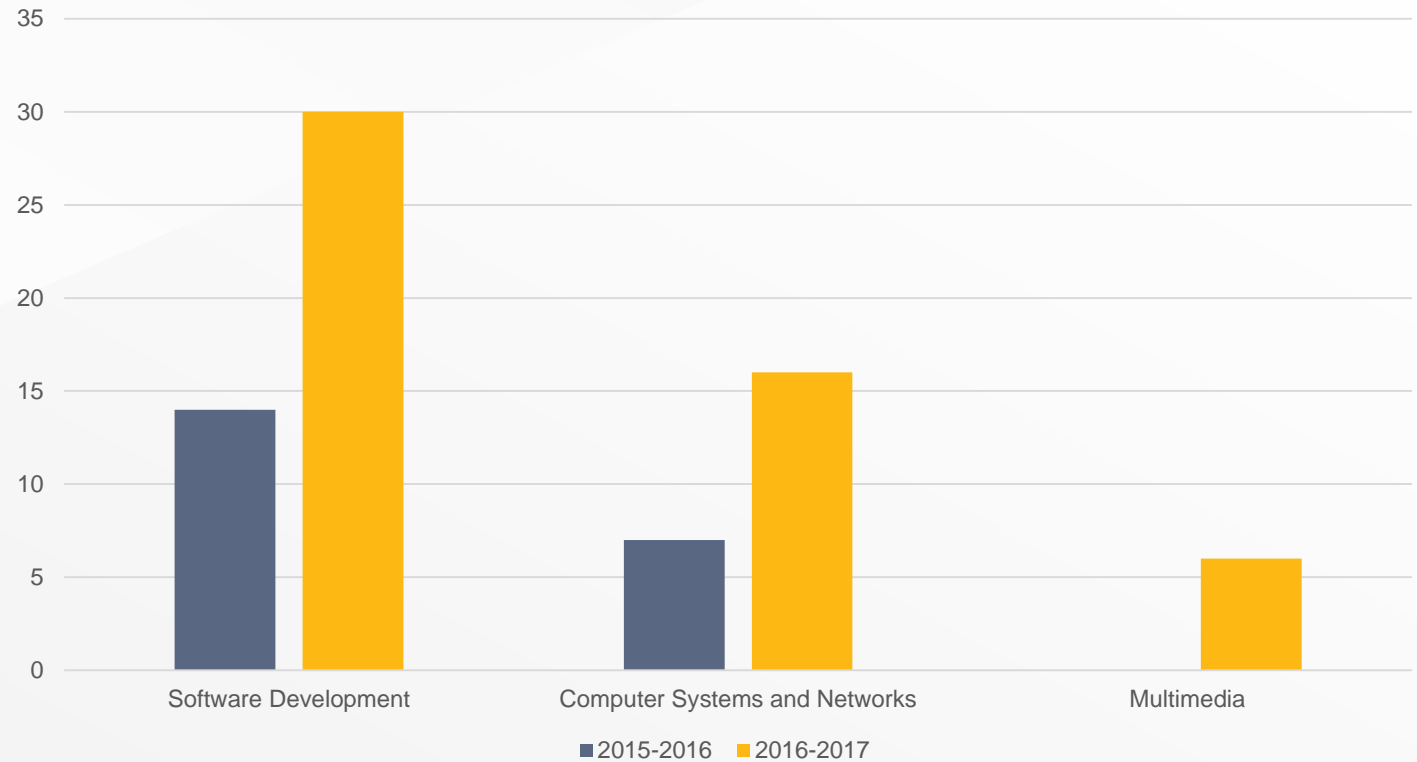
Internship Scheme



Internship Scheme



MCAST ICT B.Sc Internship Scheme



Thank You
