



# Technology Faculty 2016

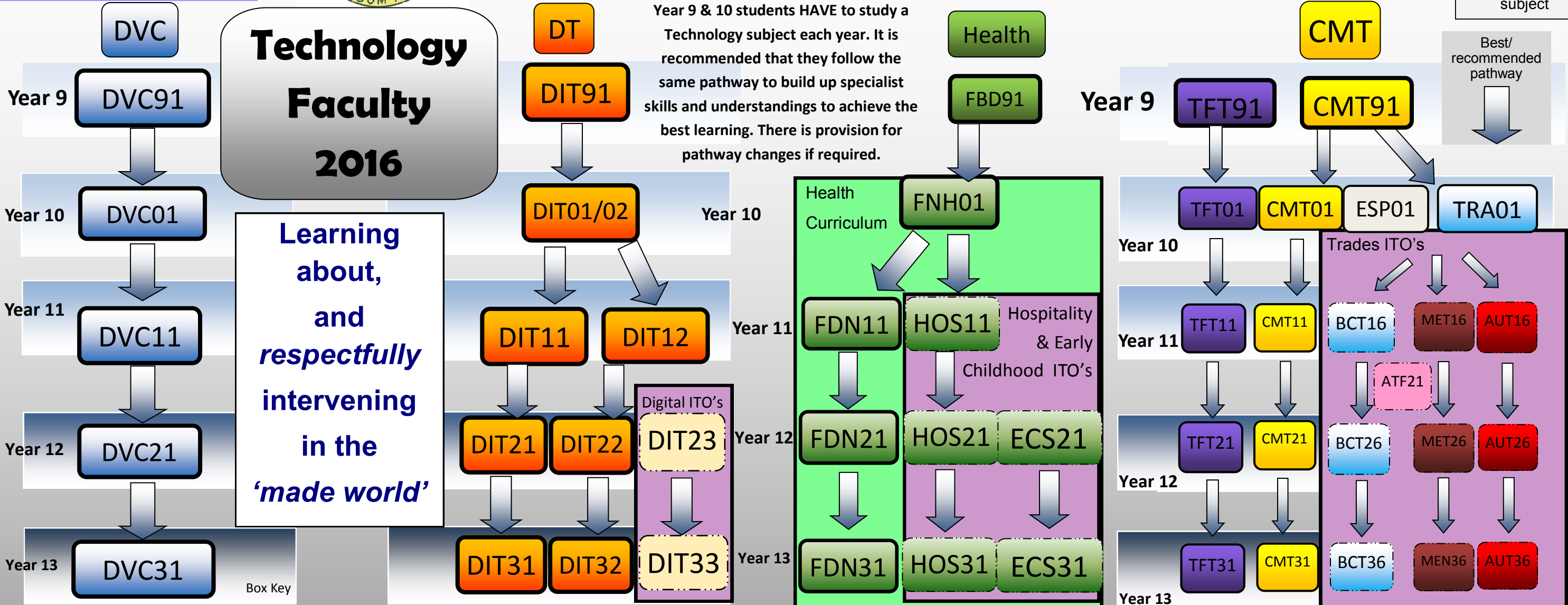
Learning about, and respectfully intervening in the 'made world'

**Digital Technologies**  
Programming and Electronics, Media and Information ; Professional Level and Skills Pathway courses

**Food & Nutrition** (from the Health curriculum)  
Early Childhood and Hospitality; Professional Level and Skills Pathway courses

**Construction & Mechanical Technologies**  
Timbers, Alloys, Plastics, Textiles; Professional Level and Skills Pathway courses

47 courses  
15 specialist areas of knowledge and skills, 1 generic subject



Year 9 & 10 students HAVE to study a Technology subject each year. It is recommended that they follow the same pathway to build up specialist skills and understandings to achieve the best learning. There is provision for pathway changes if required.

Box Key

**PROFESSIONAL**  
University Degree in a VISUAL Technology related field, CAD/CAM, Product Design, Industrial Designers, Architecture or Graphics related subject.  
**Expected Salary Range—**\$45-\$110K+ Overseas work/travel highly likely  
**Personality attributes:** leader, innovative, creative, big picture VISUAL thinker

ITO/Skills Course  
Achievement Standards Course



**PROFESSIONAL**  
University Degree BE/BSc; Canterbury degree in Science or Engineering majoring in Computer Science, Lincoln degree in Software and Information Technology, CPIT is a degree in Information and Communication Technologies  
Digital Technology related field: web-design, product development, programming software, electronics engineers, gaming, animation, software development related subjects.  
**Expected Salary Range—**\$45-\$110K+++ overseas work/travel likely.  
**Personality attributes:** future focussed, innovative, creative, leader, big picture mathematical, analytical, DIGITAL thinker.

**SKILLS PATHWAYS**  
Digital Skills for Employment-Initially National Certificate in Computing, CPIT online study Further University study possible afterwards.  
**Personality attributes:** future focussed, innovative, creative, independent thinker, broad skill and knowledge range, high level of 'common sense'.

**PROFESSIONAL**  
University Degree in Nutrition-BSc/BApSc Dietetics.  
**Expected Salary Range—**\$45-\$110K+  
**Personality attributes:** self motivated, independent thinker, broad skill and knowledge range, high level of 'common sense', passionate and talented in this particular field.

**SKILLS PW**  
Initially National Certificate in Hospitality (Introductory Cookery) Further University study possible afterwards.  
**Expected wage—**\$14-25 per hour  
**Personality attributes:** self motivated, independent thinker, broad skill and knowledge range, high level of common sense'.

**SKILLS PW**  
Initially Diploma in Teaching (Early Childhood Education) Further University study possible afterwards.  
**Expected wage—**\$14-25 per hour  
**Personality attributes:** self motivated, independent thinker, broad skill and knowledge range, high level of 'common sense'.

ATF21-Automotive Task Force  
ESP01-Enterprise Studies

**PROFESSIONAL**  
University Degree in a Construction Mechanical Technology/Engineering related field (BE/BSc) Product Design, Fashion Design, Electrical, Mechanical, Industrial Designers.  
**Expected Salary Range—**\$45-\$110K+. Overseas travel likely.  
**Personality attributes:** leader and team player, big picture 'COMPONENT PARTS' how things work thinker, passionate about this field.

**SKILLS PATHWAYS**  
Initially National Certificate from an Industry Trades Organisation (ITO) (Building-BCITO, Automotive Mechanics-MITO, Tools for Work-T4W) Further University study possible afterwards.  
**Expected wage—**\$14-25 per hour  
**Personality attributes:** self motivated, independent thinker, broad skill and knowledge range, high level of 'common sense', respect for authority, thorough and methodical when following instruction, listens well to advice.