

Year 10 Digital Technology
Learning & Assessment Overview 2020

Semester 1		Semester 2	
DIG 10.01 Information Systems <p>In this unit, students will create relational databases for clients including creating queries and designing forms and reports using Access. Access is a database program which allows people to manipulate information so it will be more usable. The students will be working with TRC revegetation unit to create a database of their plants and how and where they should be planted. This will allow the information to be more accessible to the general public.</p>	DIG 10.02 Interactive Websites <p>In this unit, students will create responsive interactive websites. The websites will have SQL embedded. Website are currently are expected to be viewed on many different types of devices, from the standard computer screen, to smart phones. This means the site needs to be responsive to these different situations. The website that student's create will have also have data embedded, this information will be based on the data from TRC revegetation unit.</p>	DIG 10.03 The Morpheus Project <p>In this unit, students will examine data security and cryptography. The unit will explore how close to 90% of the internet is actually data collected about people and how this information can be collected and used incorrectly. The unit will look at the steps you can take to protect your online self.</p>	DIG 10.04 Game Making <p>In this unit, students will use JavaScript to create old school computer games such as naughts and crosses and snake. Javascript is used by 70% of all websites to make their pages more interactive. So this unit allows students the opportunity to develop their skills in this very paractical language. The games are embedded in web pages so it reviews students use of HTML.</p>
Unit Duration Weeks 1 - 10 (10 weeks)	Unit Duration Weeks 11 - 20 (10 weeks)	Unit Duration Weeks 21 - 30 (10 weeks)	Unit Duration Weeks 31 - 38 (8 weeks)
Assessment Task/s	Assessment Task/s	Assessment Task/s	Assessment Task/s
<p style="text-align: center;">DIG 10.01.01 Supervised Response <i>Technique:</i> Digital Exam <i>Mode:</i> Written + ICT Digital Solution <i>Conditions:</i> Supervised, individual, 3 lessons classtime</p> <p style="text-align: right;"><i>Issued:</i> Week 9 <i>Due:</i> Week 9</p>	<p style="text-align: center;">DIG 10.02.01 Design Project <i>Technique:</i> Digital Project <i>Mode:</i> Written + ICT Digital Solution <i>Conditions:</i> Supervised, individual, 4 weeks class time + own time</p> <p style="text-align: right;"><i>Issued:</i> Week 16 <i>Due:</i> Week 19</p>	<p style="text-align: center;">DIG 10.03.01 Design Project <i>Technique:</i> Digital Project <i>Mode:</i> Written + ICT Digital Solution <i>Conditions:</i> Supervised, individual, 4 weeks class time + own time</p> <p style="text-align: right;"><i>Issued:</i> Week 26 <i>Due:</i> Week 29</p>	<p style="text-align: center;">DIG 10.04.01 Design Project <i>Technique:</i> Digital Project <i>Mode:</i> Written + ICT Digital Solution <i>Conditions:</i> Supervised, individual, 4 weeks class time + own time</p> <p style="text-align: right;"><i>Issued:</i> Week 35 <i>Due:</i> Week 38</p>