## Silver - Unit 105-Digital Design and Graphics

BACK TO SCHOOLS ITQ [1]

Handbook home page [2]

- General guidance for interpreting QCF qualification levels [3]
- Link to assessor's guide to interpreting the criteria for this unit [4]
- Click on the links in the table below for specific guidance on the assessment criteria.
- National Strategies APP criteria [5] are relevant from Entry 3 upwards.
- References to personal learning and thinking skills (PLTS) [6]


## Level 1, Unit 105 - Digital Design and Graphics (4 credits)

## 1. Plan the use of appropriate IT systems and software to source content for designs.

1.1 I can identify design needs. [7]
1.2 I can identify copyright license constraints on resources. [10]
1.3 I can find images suitable to support the design. [13]
1.4 I can originate content in appropriate formats. [16]
1.5 I can originate information that meets the design needs. [19]

## 2. Use IT systems and software efficiently to organise the content of the design.

2.1 I can use a range of techniques to manipulate design components. [8]
2.2 I can use space and colour effectively. [11]
2.3 I can use
appropriate precision in designs. [14]
2.4 I can use
appropriate scale in designs. [17]

## 3. Use of IT tools to export to suitable finished states.

3.1 I can export vector graphics to raster graphics. [9]
3.2 I can follow instructions to scale images to set dimensions. [12]
3.3 I can follow instructions to trade off image quality for reduced file size. [15]
3.4 I can evaluate finished work in relation to intentions. [18]
3.5 I can assign a copyright license to finished work. [20]

## Links to ITQ units

| Entry Level | Level 1 | Level 2 | Level 3 |
| :---: | :---: | :---: | :---: |
| Entry Level 1. Unit R Registration [22] | Level 1, Unit R - <br> Registration [23] | Level 2, Unit R Registration [24] | Level 3, Unit R Registration [25] |
| Entry Level 1, <br> Unit 1 - Improving Productivity Using IT (1 credit) [26] | Level 1, Unit 1 - <br> Improving <br> Productivity Using <br> IT (3 credits) [27] | Level 2, Unit 1 - <br> Improving <br> Productivity Using <br> IT (4 credits) [28] | Level 3, Unit 1 - <br> Improving <br> Productivity Using <br> IT (5 credits) [29] |
| Entry Level 1. <br> Unit 2 - Using ICT <br> to Select and <br> Exchange <br> Information (2 <br> credits) [30] | Level 1, Unit 2 Website Software (3 credits) [31] | Level 2, Unit 2 Website Software (4 credits) [32] | Level 3, Unit 2. Website Software (5 credits) [33] |
| Entry Level 1, Unit 3 - Online Basics (2 credits) [34] | Level 1, Unit 3 Using Collaborative Technologies (3 credits) [35] | Level 2, Unit 3 - <br> Using <br> Collaborative <br> Technologies (4 credits) [36] | Level 3, Unit 3 - <br> Using <br> Collaborative <br> Technologies (6 credits) [37] |
| Entry Level 1. <br> Unit 4 - Desktop <br> Publishing <br> Software (2 | Level 1, Unit 4 - <br> IT Security for Users (1 credit) [39] | Level 2, Unit 4 - <br> IT Security for Users (2 credits) [40] | Level 3, Unit 4 - <br> IT Security for Users (3 credits) [41] |

credits) [38]

| Entry Level 1. | Level 1, Unit 5 - |
| :---: | :---: |
| Unit 5 - Safe | Spreadsheet |
| Working Practices | Software (3 |
| (2 credits) [42] | credits) [43] |
| Entry Level 1, | Level 1, Unit 6 - |
| Unit 6-Using ICT | Specialist |
| in the Workplace | Software (2 |
| (2 credits) [46] | credits) [47] |
| Entry Level 1, | Level 1, Unit 7 - |
| Unit 7 - Imaging | Word Processing |
| software (2 | (3 credits) [51] |

Level 2, Unit 5 Spreadsheet Software (4
credits) [44]
Level 3, Unit 5 Spreadsheet Software (6
credits) [45]
Level 2, Unit 6 Specialist software (3
credits) [48]

Level 2, Unit 7 Word processing (4 credits) [52]

Level 3, Unit 6 Specialist
Software (4
credits) [49]

Level 3, Unit 7 -
Word Processing
Software (6
credits) [53]

Entry Level 1,
Unit 8 - Using ICT
Equipment in a
Work Place (2
credits) [54]
Level 1, Unit 8 Using the Internet (3 credits) [55]

Level 2, Unit 8 . Using the internet (4 credits) [56]

Level 3, Unit 8 Using the Internet (5 credits) [57]

Entry Level 1.
Level 1, Unit 9- Level 2, Unit 9 -
Level 3, Unit 9 -

Unit 9 - Using Word Processing
Software (2
credits) [58]

Entry Level 1, Unit 11 - Audio and Video Software (2 credits) [62]

Entry Level 1, Unit 12 Presentation
Software (2
credits) [66]

Entry Level 1, Unit 13 -
Computer Games Development (2 credits) [70]

Entry Level 1, Unit 14 - Video Communication (2 credits) [74]

Entry Level 1,
Unit 29 -
Understand social media (2 credits) [78]

Entry Level 2,
Unit R -
Registration [82]
Entry Level 2.
Unit 1 - Improving
Productivity Using
IT (2 credits) [86]
Entry Level 2,
Unit 2 - Using ICT to Select and Exchange Information (2 credits) [90]
Entry Level 2,
Unit 3 - Online
Basics ( 2 credits)
$[94]$

Entry Level 2,
Unit 3 - Online
Basics (2 credits)
[94]

Entry Level 2.
Unit 4 -Desktop

Drawing and planning (2
credits) [59]

Level 1, Unit 10 Presentation
Software (3 credits) [63]

Level 1, Unit 11 Database Software (3 credits) [67]

Level 1, Unit 12 Desktop
Publishing
Software (3
credits) [71]

Level 1, Unit 13 -
Using Email (2
credits) [75]

Level 1, Unit 14 Audio Software (2 credits) [79]

Level 1, Unit 15 Imaging Software (3 credits) [83]

Level 1, Unit 16 IT Communication Fundamentals (2 credits) [87]

Level 1, Unit 17 -
Video Software (2 credits) [91]

Drawing and planning (3 credits) [60]

Level 2, Unit 10 Presentation software (4 credits) [64]

Level 2, Unit 11 Database software (4 credits) [68]

Drawing and Planning Software (4 credits) [61]

Level 3, Unit 10 Presentation
Software (6
credits) [65]

Level 3, Unit 11 Database
Software (6
credits) [69]

| Level 2, Unit 12 - | Level 3, Unit 12 - |
| :---: | :---: |
| Desktop | Desktop |
| Publishing | Publishing |
| Software (4 | Software (5 |
| credits) [72] | credits) [73] |
| Level 2, Unit 13 - | Level 3, Unit 13 - |
| Using Email (3 | Using Email (3 |
| credits) [76] | credits) [77] |

Level 2, Unit 14 - Level 3, Unit 14 Audio Software (3 Audio Software (4 credits) [80] credits) [81]

Level 2, Unit 15 - Level 3, Unit 15 Imaging Software Imaging Software (4 credits) [84] (5 credits) [85]

Level 2, Unit 16 IT Communication Fundamentals (2 credits) [88]

Level 3, Unit 17 Video Software (4 credits) [89]

Level 2, Unit 17 -
Video Software (3 credits) [92]

Level 3, Unit 23 Multimedia Software (6 credits) [93]

Publishing
Software (2 credits) [98]

Entry Level 2, Unit 5 - Using ICT: Safe Working Practices (1 credit) [102]

Entry Level 2. Unit 6 - Using ICT in the Workplace (3 credits) [106]

Entry Level 2. Unit 7 - Imaging software (2 credits) [110]

Entry Level 2. Unit 8 - Using ICT Equipment in a Work Place (2 credits) [114]

Fundamentals (3 credits) [99]

Level 1, Unit 20 Using Mobile IT Devices (2 credits) [103]

Level 1, Unit 21 Data Management Software (2 credits) [107]

Level 1, Unit 22Understanding the social and environmental impact of architecture and construction (3 credits) [111]

Level 1, Unit 23 Multimedia Software (3 credits) [115]

Fundamentals (3
(5 credits) [101] credits) [100]

Level 2, Unit 20 Using Mobile IT Devices (2 credits) [104]

Level 2, Unit 21 Data Management Software (3 credits) [108]

Level 2, Unit 22 -Understanding the social and environmental impact of architecture and construction (4 credits) [112]

Level 2, Unit 23 Multimedia Software (4 credits) [116]

Level 1, Unit 24 Additive Manufacture (3 credits) [119]
Entry Level 2. Unit 9 - Using Word Processing Software (2 credits) [118]

Entry Level 2. Unit 10 - ICT for Employment (1 credit) [122]

Level 1, Unit 25 Developing Computer Games and Puzzles (4 credits) [123]

Level 1, Unit 26 Computer Games Development (3 credits) [127]
Entry Level 2, Unit 11 - Audio and Video
Software (2
credits) [126]

Entry Level 2,
Unit 12 -
Presentation
Software (2
credits) [130]

Level 1, Unit 27 -
Design Software
(3 credits) [131]

Level 2, Unit 25 Developing Computer Games and Puzzles (4 credits) [124]

Level 2, Unit 26 Computer Games Development (4 credits) [128]

Level 3, Unit 40 Cloud Based Services and Applications (5 credits) [125]

Level 3, Unit 41 Cloud Based Systems and Security (5 credits) [129]

Level 3, Unit 42 Undertaking a RealWorld Project (5 credits) [133]

Entry Level 2, Level 1, Unit 28 - Level 2, Unit 28 - Level 3, Unit 44 -

Unit 14 - Video Communication (2 credits) [134]

Entry Level 2, Unit 16 - Using Collaborative Technologies (2 credits) [138]

Entry Level 2, Unit 26 -
Computer Games
Development (2 credits) [142]

Entry Level 2. Unit 29 Understand social media (2 credits) [146]

Entry Level 2. Unit 32 - Website Software (2 credits) [150]

Optimise IT
System
Performance (2 credits) [135]

Level 1, Unit 29 Set Up an IT System (3 credits) [139]

Level 1, Unit 30 CAD (3 credits) [143]

Optimise IT
System
Performance (4
credits) [136]
Level 2, Unit 29 Set Up an IT System (4 credits) [140]

Bespoke Software
(4 credits) [137]

Level 3, Unit 57 -
Networking Fundamentals (5 credits) [141]

Level 2, Unit 30 -
Level 3, Unit 60 Cisco CCNA 1 Introduction to Networks (6 credits) [145]

Level 3, Unit 61 Cisco CCNA 2 Routing and Switching (6 credits) [149]

Level 3, Unit 62 Cisco CCNA 3 Scaling Networks (6 credits) [153]

Level 3, Unit 63 Cisco CCNA 4 Connecting Networks (6 credits) [157]

Level 3, Unit 64 Cisco - CCNA
Security (6
credits) [161]

Level 3, Unit 65 Cisco -
CyberSecurity
Essentials (6
credits) [165]
Entry Level 3.
Unit 2 - Online
Basics (1 credit)
[166]

Entry Level 3,
Unit 3 - Desktop Publishing

Level 1, Unit 43 -
E-safety for learners (2 credits) [167]

Level 1, Unit 50 Developing skills for remote

Level 2, Unit 39 Digital Art (4 credits) [168]

Level 2, Unit 43 -E-safety for learners (3

Level 3, Unit 66 -
Cisco - IT
Essentials (6
credits) [169]

Level 3, Unit 67 -
Cisco -
Networking

Software (2 credits) [170]

Entry Level 3. Unit 4 - Displaying Information Using ICT (3 credits) [174]

Entry Level 3 . Unit 5 - Using ICT to Find
Information (3 credits) [177]
working (3 credits) credits) [172] [171]

Level 1, Unit 51 Effectiveness communication using remote systems (4 credits) [175]

Level 1, Unit 102

- Digital Editing and Publishing (4 credits) [178]

Level 1, Unit 103

- Digital Modelling
(4 credits) [181]
Level 2, Unit 51 Effectiveness communication using remote systems (4 credits) [179]

DELLevel 2, Unit 70 -
Understanding of
Level 2, Unit 50 Developing skills for remote working (3 credits) [176]

Level 1, Unit 105

- Digital Design
and Graphics (4
credits) [184]

Entry Level 3.
Unit 8 - IT Security for users (1 credit) [186]

Entry Level 3. Unit 10 -
Presentation
software (2
credits) [188]

Entry Level 3.
Unit 14 - Audio
and Video
Software (2
credits) [190]

Entry Level 3 .
Unit 15 - Imaging
Software (2
credits) [192]

Cyber Security and Online Threats (3 credits) [182]

DELLevel 2, Unit 71 - Analysing and Evaluating Cyber Threats (3 credits) [185]

DELLevel 2, Unit 72 - Applying and Deploying
Security Tools and Best Practice (3 credits) [187]

DELLevel 2, Unit
73 - Extended
Project: Securing
and Defending
Online Systems (6 credits) [189]

Level 2, Unit 80 -
Digital Tools and
Best Practice for
Project
Management (5
credits) [191]
Level 2, Unit 81 -
Digital Safety and
Security Policies and Procedures (4 credits) [193]

Essentials (6
credits) [173]

Entry Level 3,
Unit 16 - Using
Collaborative
Technologies (3
credits) [194]

Entry Level 3,
Unit 20
Introduction to
Using mobile IT devices (2 credits) [196]

## Entry Level 3.

Unit 23-
Multimedia
Software (2
credits) [198]

Entry Level 3.
Unit 25 -
Developing
Computer Games
and Puzzles (3
credits) [200]

Entry Level 3
Unit 26 -
Computer Games
Development (3
credits) [202]

Entry Level 3,
Unit 28 - Personal
information
management
software (1 credit) [203]

Entry Level 3,
Unit 32 - Website
Software (2
credits) [204]

Entry Level 3,
Unit 36 - Specialist
Software (2
credits) [154]

Level 2, Unit 82 -
Digital Editing and
Publishing (3
credits) [195]

Level 2, Unit 83 -
Digital Design and
Graphics (3
credits) [197]

Level 2, Unit 84 Digital Modelling and Data Management (3 credits) [199]

Level 2, Unit 85 Virtual Reality and the Development Life Cycle (4 credits) [201]

Source URL: https://theingots.org/community/sil1u105

## Links

[1] https://theingots.org/community/ITQ_unit_development
[2] https://theingots.org/community/handbook2
[3] https://theingots.org/community/QCF_levels
[4] https://theingots.org/community/sil1u105x
[5] http://nationalstrategies.standards.dcsf.gov.uk/focuses/959/861/110166
[6] http://curriculum.qcda.gov.uk/key-stages-3-and-4/skills/plts/planning-for-plts/index.aspx
[7] https://theingots.org/community/sil1u105x\#1.1
[8] https://theingots.org/community/sil1u105x\#2.1
[9] https://theingots.org/community/sillu105x\#3.1
[10] https://theingots.org/community/sillu105x\#1.2
[11] https://theingots.org/community/sillu105x\#2.2
[12] https://theingots.org/community/sil1u105x\#3.2
[13] https://theingots.org/community/sillu105x\#1.3
[14] https://theingots.org/community/sil1u105x\#2.3
[15] https://theingots.org/community/sil1u105x\#3.3
[16] https://theingots.org/community/sil1u105x\#1.4
[17] https://theingots.org/community/sillu105x\#2.4
[18] https://theingots.org/community/sil1u105x\#3.4
[19] https://theingots.org/community/sillu105x\#1.5
[20] https://theingots.org/community/sil1u105x\#3.5
[21] https://theingots.org/community/sil1u105i
[22] https://theingots.org/community/siel1u0reg
[23] https://theingots.org/community/sil1u0reg
[24] https://theingots.org/community/sil2u0reg
[25] https://theingots.org/community/sil3u0reg
[26] https://theingots.org/community/siel1u1
[27] https://theingots.org/community/sillu1
[28] https://theingots.org/community/sil2u1
[29] https://theingots.org/community/sil3u1
[30] https://theingots.org/community/siel1u2
[31] https://theingots.org/community/sillu2
[32] https://theingots.org/community/sil2u2
[33] https://theingots.org/community/sil3u2
[34] https://theingots.org/community/siellu3
[35] https://theingots.org/community/sil1u3
[36] https://theingots.org/community/sil2u3
[37] https://theingots.org/community/sil3u3
[38] https://theingots.org/community/siellu4
[39] https://theingots.org/community/sillu4
[40] https://theingots.org/community/sil2u4
[41] https://theingots.org/community/sil3u4
[42] https://theingots.org/community/siel1u5
[43] https://theingots.org/community/siliu5
[44] https://theingots.org/community/sil2u5
[45] https://theingots.org/community/sil3u5
[46] https://theingots.org/community/siel1u6
[47] https://theingots.org/community/sil1u6
[48] https://theingots.org/community/sil2u6
[49] https://theingots.org/community/sil3u6
[50] https://theingots.org/community/siellu7
[51] https://theingots.org/community/sillu7
[52] https://theingots.org/community/sil2u7
[53] https://theingots.org/community/sil3u7
[54] https://theingots.org/community/siel1u8
[55] https://theingots.org/community/sil1u8

## Silver - Unit 105-Digital Design and Graphics

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[56] https://theingots.org/community/sil2u8
[57] https://theingots.org/community/sil3u8
[58] https://theingots.org/community/siel1u9
[59] https://theingots.org/community/sil1u9
[60] https://theingots.org/community/sil2u9
[61] https://theingots.org/community/sil3u9
[62] https://theingots.org/community/siel1u11
[63] https://theingots.org/community/sillu10
[64] https://theingots.org/community/sil2u10
[65] https://theingots.org/community/sil3u10
[66] https://theingots.org/community/siel1u12
[67] https://theingots.org/community/sil1u11
[68] https://theingots.org/community/sil2u11
[69] https://theingots.org/community/sil3u11
[70] https://theingots.org/community/siel1u13
[71] https://theingots.org/community/sil1u12
[72] https://theingots.org/community/sil2u12
[73] https://theingots.org/community/sil3u12
[74] https://theingots.org/community/siel1u14
[75] https://theingots.org/community/sil1u13
[76] https://theingots.org/community/sil2u13
[77] https://theingots.org/community/sil3u13
[78] https://theingots.org/community/siel1u29
[79] https://theingots.org/community/sil1U14
[80] https://theingots.org/community/sil2u14
[81] https://theingots.org/community/sil3u14
[82] https://theingots.org/community/siel2u0reg
[83] https://theingots.org/community/sillu15
[84] https://theingots.org/community/sil2u15
[85] https://theingots.org/community/sil3u15
[86] https://theingots.org/community/siel2u1
[87] https://theingots.org/community/sil1u16
[88] https://theingots.org/community/sil2u16
[89] https://theingots.org/community/sil3u17
[90] https://theingots.org/community/siel2u2
[91] https://theingots.org/community/sil1u17
[92] https://theingots.org/community/sil2u17
[93] https://theingots.org/community/sil3u23
[94] https://theingots.org/community/siel2u3
[95] https://theingots.org/community/sil1u18
[96] https://theingots.org/community/sil2u18
[97] https://theingots.org/community/sil3u24
[98] https://theingots.org/community/siel2u4
[99] https://theingots.org/community/sil1u19
[100] https://theingots.org/community/sil2u19
[101] https://theingots.org/community/sil3u27
[102] https://theingots.org/community/siel2u5
[103] https://theingots.org/community/sil1u20
[104] https://theingots.org/community/sil2u20
[105] https://theingots.org/community/sil3U28
[106] https://theingots.org/community/siel2u6
[107] https://theingots.org/community/sil1u21
[108] https://theingots.org/community/sil2u21
[109] https://theingots.org/community/sil3u29
[110] https://theingots.org/community/siel2u7
[111] https://theingots.org/community/sil1u22
[112] https://theingots.org/community/sil2u22
[113] https://theingots.org/community/sil3u32
[114] https://theingots.org/community/siel2u8

## Silver - Unit 105-Digital Design and Graphics

[115] https://theingots.org/community/sil1u23
[116] https://theingots.org/community/sil2u23
[117] https://theingots.org/community/sil3u33
[118] https://theingots.org/community/siel2u9
[119] https://theingots.org/community/sil1u24
[120] https://theingots.org/community/sil2u24
[121] https://theingots.org/community/sil3u37
[122] https://theingots.org/community/siel2u10
[123] https://theingots.org/community/sil1u25
[124] https://theingots.org/community/sil2u25
[125] https://theingots.org/community/sil3u40
[126] https://theingots.org/community/siel2u11
[127] https://theingots.org/community/sil1u26
[128] https://theingots.org/community/sil2u26
[129] https://theingots.org/community/sil3u41
[130] https://theingots.org/community/siel2u12
[131] https://theingots.org/community/sil1u27
[132] https://theingots.org/community/sil2u27
[133] https://theingots.org/community/sil3u42
[134] https://theingots.org/community/siel2u14
[135] https://theingots.org/community/sil1u28
[136] https://theingots.org/community/sil2u28
[137] https://theingots.org/community/sil3u44
[138] https://theingots.org/community/siel2u16
[139] https://theingots.org/community/sil1u29
[140] https://theingots.org/community/sil2u29
[141] https://theingots.org/community/sil3u57
[142] https://theingots.org/community/siel2u26
[143] https://theingots.org/community/sil1u30
[144] https://theingots.org/community/sil2u30
[145] https://theingots.org/community/sil3u60
[146] https://theingots.org/community/siel2u29
[147] https://theingots.org/community/sil1u31
[148] https://theingots.org/community/sil2u32
[149] https://theingots.org/community/sil3u61
[150] https://theingots.org/community/siel2u32
[151] https://theingots.org/community/sil1u32
[152] https://theingots.org/community/sil2u33
[153] https://theingots.org/community/sil3u62
[154] https://theingots.org/community/siel3u36
[155] https://theingots.org/community/sil1u36
[156] https://theingots.org/community/sil2u34
[157] https://theingots.org/community/sil3u63
[158] https://theingots.org/community/siel3u0reg
[159] https://theingots.org/community/sil1u38
[160] https://theingots.org/community/sil2u35
[161] https://theingots.org/community/sil3u64
[162] https://theingots.org/community/siel3u1
[163] https://theingots.org/community/sil1u39
[164] https://theingots.org/community/sil2u38
[165] https://theingots.org/community/sil3u65
[166] https://theingots.org/community/siel3u2
[167] https://theingots.org/community/sil1u43
[168] https://theingots.org/community/sil2u39
[169] https://theingots.org/community/sil3u66
[170] https://theingots.org/community/siel3u3
[171] https://theingots.org/community/sil1u50
[172] https://theingots.org/community/sil2u43
[173] https://theingots.org/community/sil3u67

## Silver - Unit 105-Digital Design and Graphics

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[174] https://theingots.org/community/siel3u_noprogression_1169
[175] https://theingots.org/community/sil1u51
[176] https://theingots.org/community/sil2u50
[177] https://theingots.org/community/siel3u5
[178] https://theingots.org/community/sil1u102
[179] https://theingots.org/community/sil2u51
[180] https://theingots.org/community/siel3u6
[181] https://theingots.org/community/sil1u103
[182] https://theingots.org/community/sil2u70
[183] https://theingots.org/community/siel3u7
[184] https://theingots.org/community/sil1u105
[185] https://theingots.org/community/sil2u71
[186] https://theingots.org/community/siel3u4
[187] https://theingots.org/community/sil2u72
[188] https://theingots.org/community/siel3u10
[189] https://theingots.org/community/sil2u73
[190] https://theingots.org/community/siel3u14
[191] https://theingots.org/community/sil2u80
[192] https://theingots.org/community/siel3u15
[193] https://theingots.org/community/sil2u81
[194] https://theingots.org/community/siel3u16
[195] https://theingots.org/community/sil2u82
[196] https://theingots.org/community/siel3u20
[197] https://theingots.org/community/sil2u83
[198] https://theingots.org/community/siel3u23
[199] https://theingots.org/community/sil2u84
[200] https://theingots.org/community/siel3u25
[201] https://theingots.org/community/sil2u85
[202] https://theingots.org/community/siel3u26
[203] https://theingots.org/community/siel3u28
[204] https://theingots.org/community/siel3u32

