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| **Core Skills Signposting** |  |
| **Sector** | Laboratory Science |
| **Qualification Title(s)** | SVQ in Laboratory Skills (Life Science) at SCQF Level 8 |
| **Developed by** | Cogent |
| **Approved by ACG** | 23 May 2018 |
| **Version**  | 2 |

**Laboratory Skills (Life Science) – SCQF Level 8**

 **Core Skills Sign-Posting**

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|  | **Unit** |  |  | **Core Skills**  | **Level** |  |
|  | **Mandatory** | **Communication** | **ICT** | **Numeracy** | **Problem Solving** | **Working with others** |
| COGLS319 | Develop and maintain health and safety procedures in life sciences and related industries | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 |
| COGLS202 | Maintain effective and efficient working relationships in life sciences and related industries | SCQF Level 4 | SCQF Level 4 | SCQF Level 4 | SCQF Level 5 | SCQF Level 5 |
|  | 4 units from Group A: |  |  |  |  |  |
| COGLS309 | Make presentations in the work place for life sciences and related industries | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 |
| COGLS311 | Develop and provide training in life sciences and related industries | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 |
| COGLS312 | Improve the quality and reliability of activities in life sciences and related industries | SCQF Level 6 | SCQF Level 5 | SCQF Level 4 | SCQF Level 6 | SCQF Level 6 |
| COGLS324 | Managing budgets in life sciences and related industries | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 |
| COGLS325 | Providing leadership in life sciences and related industries | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 |
| COGLS326 | Encourage problem solving and innovation in life sciences and related industries | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 |
| COGLS320 | Establish and implement quality assurance in life sciences and related industries | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 | SCQF Level 6 |
| COGLS327 | Applying basic statistics in life sciences and related industries | SCQF Level 5 | SCQF Level 6 | SCQF Level 6 | SCQF Level 5 | SCQF Level 5 |
|  | 2 units from Group B: |  |  |  |  |  |
| COGLS 316 | Amplifying and analysing DNA or RNA samples using PCR or qPCR in life sciences and related industries | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 3 |
| COGLS 317 | Analysing samples using light microscopy in life sciences and related industries | SCQF Level 5 | SCQF Level 4 | SCQF Level 5 | SCQF Level 4 | SCQF Level 4 |
| COGLS 328 | Analysis of samples using gas chromatography in life sciences and related industries | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 |
| COGLS 314 | Analysis of samples using high performance liquid chromatography in life sciences and related industries | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 |
| COGLS 303 | Plan and collect samples for testing in life sciences and related industries | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 |
| COGLS 206 | Preparing reagents in life sciences and related industries | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 |
| COGLS 306 | Carry out investigation in life sciences and related industries | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 |
| COGLS 330 | Analyses of DNA using gel electrophoresis in life sciences and related industries | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 4 |
| COGLS 329 | Culturing or fermenting cells for life sciences and related industries | SCQF Level 4 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 4 |
| COGLS 315 | Analysis of samples using spectroscopy in life sciences and related industries | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 |
| COGLS 313 | Provide technical support for computer application software and equipment in life sciences and related industries | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 |
| COGLS 305 | Provide technical advice and guidance in life sciences and related industries | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 | SCQF Level 5 |
| COGLS 211 | Prepare new methods, resources and equipment for learning activities in life sciences and related industries | SCQF Level 5 | SCQF Level 5 | SCQF Level 4 | SCQF Level 5 | SCQF Level 4 |