

Occupational Studies Levels 1 and 2 Engineering and Engineering Services Specification Addendum

Exceptional Assessment Adaptations (for 2021–2022)

This addendum should be used in conjunction with the current specification

The tables below show the units available for November 2021 and Summer 2022 and details where applicable any temporary adaptations that have been made due to public health restrictions.

Please note: This applies only to candidates cashing-in at qualification level in November 2021 and Summer 2022

Occupational Area	Assessment	Weighting	Assessment Arrangements for candidates completing in 2021/22
Engineering and Engineering Services	<p>Internal assessment.</p> <p>Learners complete two units from their chosen occupational area.</p> <p>They carry out tasks to gather the required assessment evidence in a portfolio for each unit.</p> <p>Tasks include answering questions, carrying out practical activities and evaluating their own performance.</p>	50% for each unit	<ul style="list-style-type: none"> • Centers may select one unit of their choice for omission. This means only one unit is required to be assessed and submitted to CCEA for moderation in 2021/22. • For those students who are due to cash in for the qualification in November 2021/ Summer 2022, should they choose to sit both units, they will receive the higher of either: <ul style="list-style-type: none"> – the grade awarded on the basis of one unit; or – the grade awarded on the basis of the outcome for both units.

			<ul style="list-style-type: none">• The full specification for two units should still be delivered.• Unit level awards will still be available and moderated in the normal way.• Units that have been previously awarded at unit level without a cash-in at qualification level will count towards a cash-in in November 2021 or Summer 2022
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Occupational Area	Assessment	Weighting	Assessment Arrangements for candidates completing in 2021/22
Engineering and Engineering Services (Cont.)	The teacher/lecturer assesses the portfolio of evidence, and we carry out external moderation.		

Unit	Public Health Adaptations
<p>Unit 36: Basic Fast-Fit Operations</p>	<p><u>Current requirements:</u> Learners should undertake a minimum of four assessment tasks from the practical tasks listed in Section 4. There are 12 practical tasks.</p> <p><u>PHA for 2021/22</u></p> <ul style="list-style-type: none"> • In line with PHA, learners are still assessed in three assessment tasks and observe teacher demonstrations for the fourth. • A student oral/ written questionnaire to check their knowledge and understanding is acceptable to evidence the fourth but does not form part of assessment for AO2 . • AO2 Assessment criteria for practical applied to the three practical assessments. • AO1 and AO3 Assessment criteria applied to four tasks.
<p>Unit 37: Basic Vehicle Body Components and Fitting</p>	<p><u>Current requirements:</u> Four practical assessment tasks should be carried out, selected from those tasks listed in Section 4. Section 4 lists 6 tasks that learners should be able to carry out.</p> <p><u>Proposal</u></p> <ul style="list-style-type: none"> • In line with PHA, learners are still assessed in three assessment tasks and observe teacher demonstrations for fourth. • A student oral/ written questionnaire to check their knowledge and understanding is acceptable to evidence the fourth but does not form part of assessment for AO2 . • AO2 Assessment criteria for practical applied to the three practical assessments. • AO1 and AO3 Assessment criteria applied to four tasks
<p>Unit 38: Computer Aided Design</p>	<p>No adaptations</p>

Unit	Public Health Adaptations
<p>Unit 39: Electronic Circuit Construction</p>	<p><u>Current requirements:</u> Two practical assessment tasks should be carried out.</p> <p><u>PHA for 2021/22</u></p> <ul style="list-style-type: none"> • In line with PHA, learners are still assessed in one assessment task- that should provide opportunities for learners to be stretched and challenged and observe teacher demonstration for the second task. • A student oral/ written questionnaire to check knowledge and understanding is acceptable to evidence the second task but does not form part of the assessment for AO2 • AO2 Assessment criteria for applied to one practical assessment. • AO1 and AO3 Assessment criteria applied to both tasks. Task evaluation applied to teacher demonstration through self-reflective statement about the learning process and observations when demonstrating their skills in line with this specification.
<p>Unit 40: Electrical Wiring Installation</p>	<p><u>Current requirements:</u> Three assessment tasks should be carried out to cover the unit requirements.</p> <p><u>Proposal</u></p> <ul style="list-style-type: none"> • In line with PHA, learners are still assessed in two assessment tasks that should provide opportunities for learners to be stretched and challenged and observe teacher demonstration for the third task. • A student oral/ written questionnaire to check their knowledge and understanding is acceptable to evidence the third but does not form part of assessment for AO2. • AO2 Assessment criteria applied to two assessment tasks. • AO1 and AO3 Assessment criteria applied to both tasks. Task evaluation applied to teacher demonstration through self-reflective statement about the learning process and observations when demonstrating skills in line with this specification.

Unit	Public Health Adaptations
<p>Unit 41: Maintenance of Land-Based Machinery</p>	<p><u>Current requirements:</u> One assessment task provides evidence for this unit. Learners should: Carry out basic manufacturing processes to provide maintenance on tractors or other horticulture or land-based machinery attachments which includes the use of basic engineering hand tools.</p> <p>OR Safely operate tractors or other land-based machinery in a controlled environment under teacher/lecturer supervision. One assessment task is required to provide evidence for this unit.</p> <p><u>PHA for 2021/22</u></p> <ul style="list-style-type: none"> • For option 1 “carry out basic manufacturing processes to provide maintenance on tractors” • In line with PHA, learners are still assessed in one assessment task but observe teacher demonstration for one step to reduce the time required for students’ access to machinery/equipment. • No adaptations proposed to assessment of option 2 “safely operate tractors or other land-based machinery”. • Assessment of all AOs remains the same
<p>Unit 42: Manufacturing Techniques – Hand Fitting</p>	<p><u>Current requirements:</u> Learners should demonstrate a working knowledge of the various stages in the production of assembled components manufactured from metal. One assessment task provides evidence for the unit requirements.</p> <p><u>PHA for 2021/22</u></p> <ul style="list-style-type: none"> • In line with PHA, learners are still assessed in one assessment task but observe teacher demonstration for one step e.g. riveting or chiselling to reduce the time required for students’ access to machinery/equipment. • Assessment of all AOs remains the same.

Unit	Public Health Adaptations
<p>Unit 43: Manufacturing Techniques – Sheet Metal</p>	<p><u>Current requirements:</u> Learners should demonstrate a working knowledge of the various stages in the production of assembled components manufactured from metal. One assessment task provides evidence for the unit requirements.</p> <p><u>PHA for 2021/22</u></p> <ul style="list-style-type: none"> • In line with PHA, learners are still assessed for one assessment task but observe teacher demonstration for one step e.g. how to use one machine tool/ hand tool to reduce the time required for students’ access to machinery/equipment. • Assessment of all AOs remains the same.
<p>Unit 44: Plumbing</p>	<p>Cross Pathway Unit for Plumbing covered in Unit 21 Construction Pathway.</p>
<p>Unit 45: Vehicle Servicing and Valeting Operations</p>	<p>Cross Pathway Unit for Vehicle Servicing and Valeting Operations covered in Unit 15 Business and Services.</p>
<p>Unit 46: Vehicle Technician Operations</p>	<p><u>Current requirements:</u> Learners should carry out two practical assessment tasks from the four listed.</p> <p><u>PHA for 2021/22</u></p> <ul style="list-style-type: none"> • In line with PHA, learners are still assessed in one assessment task and observe teacher demonstrations for the second task. • A student oral/ written questionnaire to check their knowledge and understanding is acceptable to evidence the second but does not form part of assessment of AO2 • AO2 Assessment criteria for practical applied to the one practical assessment completed. • AO1 and AO3 Assessment criteria applied to both tasks