



Singapore Examinations and Assessment Board



Certificate in Examination and Assessment in Education (CEA in Edn)

Core Modules

The core modules are mandatory for all participants who would like to be awarded the CEA in Edn certificate upon the completion of a Capstone Assignment. The validity period for certificate award is three years.

Interested participants are free to sign up and attend any of the core modules without completing the certificate programme.



Certificate in Examination and Assessment in Education

Core Module: Interpretation of Assessment Data

Module Code: CEACM101

Course Outline

In the Certificate in Examinations and Assessment in Education (Interpretation of Assessment Data) course, participants will develop foundational skills in the use of assessment data, as applied to both academic competencies and dispositions. Specifically, the course discusses how the purpose of assessment (i.e., formative and/or summative) and the assessment principles guide (1) the approach for collecting fit-for-purpose data, (2) methods (quantitative, qualitative, mixed methods) of analysing the data, and (3) interpretation and presentation of findings.

This three-day course features a blended-learning structure, combining self-learning, face-to-face, peer sharing, and groupwork modes of learning. Trainers will support participants throughout the course in applying their learning to course activities.

The programme comprises some of the following major topics:

Day and Topics	Knowledge and Skills	Mode
Day 1 <ul style="list-style-type: none"> Basic Statistics & Item Analysis Overview of Assessment Process and Assessment Principles 	Understand and use basic statistics such as facility index and discriminating index to derive information from assessment Understand the assessment process and the assessment principles	Self-Learning
Day 2 and Day 3 <ul style="list-style-type: none"> Assessment of academic competencies and dispositions Formative purposes and methods of classroom assessment Summative purposes and methods of classroom assessment Analysis and Interpretation of Assessment Data Communicating Assessment Outcomes 	Understand the differences between the assessment of academic competencies and dispositions Identify and apply a variety of assessment methods to collect quantitative (e.g. teacher-made tests) and qualitative (e.g. interviews) or mixed (e.g. performance tasks) data Understand the potential and limitations of a variety of assessment methods that are suitable for formative and/or summative purposes Develop an assessment plan to collect, analyse and interpret fit-for-purpose data for communicating outcomes with stakeholders	Face-to-face, peer sharing and group work

Schedule and Trainer

	Trainer	Dates for Instruction
Class 1* [CEACM101-2401]	To be determined at a later date	9 – 10 July 2024 (Pri)
Class 2* [CEACM101-2402]	To be determined at a later date	16 – 17 July 2024 (Sec)

**Please select only one class as the course content is the same.*



Certificate in Examination and Assessment in Education

Core Module: Making Sense of Quality School-Based Assessment

Module Code: CEACM102

Course Outline

This course aims to empower teacher leaders with the knowledge and skills to ensure quality assurance in school based assessment. Participants will be introduced to the practitioner-focused 4Ps assessment framework which emphasises on Purposes, Principles, Processes and Practices of assessment that are essential for quality school based assessment. The course is designed to help participants internalise and reflect on the 4Ps assessment framework to make sense and promote an effective school assessment culture.

Participants are required to read and prepare one-day worth of learning materials before attending the course.

SN	Topics	Questions to be addressed
1	Purposes of assessment	What are the purposes of assessment?
2	Principles of assessment	What are the principles of assessment?
3	Processes in assessment	<ul style="list-style-type: none">• How are principles of assessment operationalised in test development?• How are standards controlled using the C³R framework?• How do we capitalise on post assessment review to deepen assessment competency?
4	Practices in assessment	<ul style="list-style-type: none">• What are the best assessment practices that ensures quality in school based assessment?• What are the unintended assessment practices that lead to undesirable consequences?• How do we sustain an effective assessment culture?

Schedule and Trainer

	Trainer	Dates for Instruction
Class 1* [CEACM102-2401]	Dr Joshua Ang Ms Adeline Teng	15 – 16 May 2024
Class 2* [CEACM102-2402]	Dr Rajenthiran Sellan Ms Alicia Yeow	17 – 18 July 2024

**Please select only one class as the course content is the same.*



Certificate in Examination and Assessment in Education Core Modules

Feedback from Past Participants

Navigating the notion of assessment in an evolving educational landscape and being equipped with some handles for richer discussion on assessment back in school.

- Participant from 2023 Workshop



Deep conversations about assessments and data. The trainers were very patient and guided us when we were lost.

- Participants from 2022 Workshop

Engaging and very informative about measuring tools on assessment. Very useful information and practical. Trainers are knowledgeable.

- Participant from 2022 Workshop



Looking in-depth to the components of Assessment of Learning, Assessment for Learning and Assessment as Learning and how assessment has to change from focusing solely on exam-oriented to balancing it with process-oriented to help our students to be future ready.

- Participant from 2023 Workshop

Knowing how to apply the various statistical tools, being able to communicate the analysis based on the tools and making changes to enhance various segments of the assessment process (item setting, marking process, item analysis); thereby making well informed teaching & learning decisions / interventions to help students learn better.

- Participant from 2022 Workshop





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Course Fee

The fee for each of the core modules is \$900 (excluding prevailing GST) per participant.

Registration for Core Modules

Click [here](#) to register now.

Contact us at SEAB_Training@seab.gov.sg for more information. Registration will close when all the vacancies are taken up.