

IMPLEMENTATION OF THE QUEENSLAND 2019 PHYSICS SYLLABUS

David Madden^a and Amber Salmon^a

Presenting Author: David Madden (david.madden@qcaa.qld.edu.au)

^aQueensland Curriculum and Assessment Authority (QCAA), Brisbane Queensland 4000, Australia

KEYWORDS: curriculum, secondary education, physics, syllabus, assessment

The introduction of the new Queensland Certificate of Education (QCE) in 2020 has been the biggest change in Queensland's senior curriculum and assessment system in a generation. It has seen the implementation of a new Physics syllabus as part of a suite of ten new science syllabuses. Along with the introduction of a 50% external assessment, this syllabus includes three new internal assessment techniques – data test, student experiment and research investigation.

This presentation will outline the features of the new Queensland Physics syllabus and describe key quality assurance processes. Key learnings from the initial years of implementation of the new syllabus will be shared. The benefits and challenges of using a common framework for all senior sciences, including subjects as different as Physics and Psychology, will be discussed.

REFERENCES

- Marzano, J. M., & Kendall, J. S. (2008). *Designing and assessing educational objectives: applying the new taxonomy*. Thousand Oaks, CA: Corwin Press.
- Marzano, J. M., & Kendall, J. S. (2007). *The new taxonomy of educational objectives*. Thousand Oaks, CA: Corwin Press.
- Physics 2019 v1.3 General Senior Syllabus* (2022). Retrieved August 13, 2022, from https://www.qcaa.qld.edu.au/downloads/senior-qce/syllabuses/snr_physics_19_syll.pdf
- QCE and QCIA policy and procedures handbook v3.0* (2022). Retrieved August 13, 2022, from <https://www.qcaa.qld.edu.au/senior/certificates-and-qualifications/qce-qcia-handbook>

Proceedings of the IUPAP International Conference on Physics Education, ICPE 2022 5-9 December 2022, page 117, ISBN: 978-1-74210-532-1.