



School of Education

EDST6756
Extension Mathematics Method 2

Term 2, 2019

Contents

1. LOCATION	2
2. STAFF CONTACT DETAILS	2
3. COURSE DETAILS	2
STUDENT LEARNING OUTCOMES	3
AITSL PROFESSIONAL GRADUATE TEACHING STANDARDS	3

NATIONAL PRIORITY AREA ELABORATIONS

Priority area	National Priority Learning Area Elaborations
A. Aboriginal and Torres Strait Islander Education	A.5, A.8
B. Classroom Management	B.1, B.2, B.4, B.5, B.6, B.7, B.10
C. Information and Communication Technologies	C.3, C.4, C.5, C.6, C.8, C.13, C.14
D. Literacy and Numeracy	D.6, D.7, D.8, D.9, D.10, D.11, D.12, D.13, D.14, D.15, D.16, D.17, D.18, D.19
E. Students with Special Educational Needs	E.1, E.4, E.5, E.6, E.8
F. Teaching Students from Non-English Speaking Backgrounds	F.5, F.6, F.7

4. RATIONALE FOR THE INCLUSION OF CONTENT AND TEACHING APPROACH

6. COURSE CONTENT AND STRUCTURE

7. RESOURCES

Course Texts

Cavanagh, M. & Prescott, A. (2014). *Your Professional Experience Handbook: A guide for preservice teachers*. Sydney: Pearson.

Goos, M., Stillman, G., & Vale, C. (2016). *Teaching secondary school mathematics: Research and practice for the 21st century*. Sydney: Allen & Unwin

All students must have copies of the following NESA Mathematics syllabuses:

*Mathematics 7-10 Syllabus (2012),
(New) Stage 6 Syllabus, Mathematics Advanced, Extension 1 and 2 courses*

It is possible to download these syllabuses from the NESA website

<http://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/stage-6-learning-areas/stage-6-mathematics>

Further readings

<http://www.curriculumsupport.education.nsw.gov.au/secondary/mathematics/index>

www.studentnet.edu.au/aispd/index.html - The Association of Independent Schools

www.cecnsw.catholic.edu.au - The Catholic Education Commission

www.curriculum.edu.au - A part of the Curriculum Corporation of Victoria website

This is a tutorial which is useful if you are uncertain of how to use the internet and/or want ideas for using the internet in the classroom, teaching students how to explore English sites etc. Well worth a browse.

<http://www.nswteachers.nsw.edu.au> - The teaching standards detailed on the NSW Institute of Teachers website

<http://www.naplan.edu.au/> - The National Assessment Program Literacy and Numeracy website

<http://www.acara.edu.au/>

8. ASSESSMENT

Asses11(s)-~~6e~~

