

MATH 7005 APPROXIMATION THEORY

Credit Points 20

Legacy Code 301060

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Description Approximation theory is concerned with approximating functions of a given class using functions from another, usually more elementary, class. The efficient solution of such problems is of great importance for computing, and this online unit will provide a general introduction to the mathematical theory behind many approximation methods in common use.

School Computer, Data & Math Sciences

Discipline Mathematics

Student Contribution Band HECS Band 1 20cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Postgraduate Coursework Level 7 subject

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Item	Length	Percent	Threshold	Individual/ Group Task
TMA - 4 questions	Maths equivalent to 1500 words	15	N	Individual
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Final examination	3 hours	55	Y	Individual

Teaching Periods