Professional Learning for Mathematics Teachers

Year 12 Mathematics Applications

THE UNIVERSITY OF NOTRE DAME
A U S T R A L I A

Mathematics Applications PL Module:

Monday, 14th January – Friday, 18th January 2019 8.30am to 3.00pm

Cost: $800.00

School of Education Building, 2 Mouat Street,(cnr Mouat/ Phillimore Streets) Fremantle

The School of Education will be running a professional learning module for mathematics teachers who are not currently teaching Year 12 Mathematics Applications but who would like to do so in the future. At the same time, this module is also available for current Mathematics Applications teachers who may be teaching the Year 11 or Year 12 courses for the first time or who want to gain more knowledge of the Year 12 course.

The module will run in the first week of the 2019 Summer Holidays, from Monday 14th January to Friday 18th January. The module will run in an intensive workshop format, with plenty of opportunities for interaction with peers and independent work.

The content that will be presented includes: *Bivariate Data; Growth & Decay in Sequences; Graphs & Networks; Time Series Analysis; Loans, Investments & Annuities; Networks & Decision Mathematics.*

The workshop has only 20 places available so register early.

To register, complete the Registration Form and Payment details below and send to:
  Dr Gregory Hine, Senior Lecturer, School of Education,
  by <u>Post</u>: PO Box 1225, Fremantle, Western Australia 6959
  or <u>Email</u>: gregory.hine@nd.edu.au
  or <u>Fax</u>: (08) 9433 0160 by **Friday, January 11th, 2019.**

To make further inquiries about the module contact Dr Gregory Hine on (08) 9433 0152 or email gregory.hine@nd.edu.au
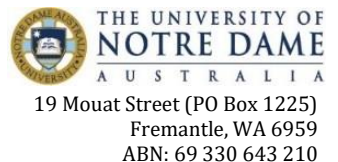

TO REGISTER FOR THE PL MODULE

To register for the Mathematics Applications Professional Learning Module which runs from Monday, 14th January to Friday, 18th January, 2019, access the following link below:

https://payments.nd.edu.au/ProfLearningMathTeachers

THE UNIVERSITY OF NOTRE DAME
A U S T R A L I A
19 Mouat Street (PO Box 1225)
Fremantle, WA 6959
ABN: 69 330 643 210

Here you will be prompted to provide some contact details, and to pay for the module.

Once you are registered, email Dr Gregory Hine on gregory.hine@nd.edu.au so that all further

information about the module can be sent to you.

We look forward to your participation in the module in January 2019!

About the Presenters

Dr Gregory Hine PhD

Gregory Hine's teaching career spans 20 years. He has taught in Australia and the United States predominantly in the areas of mathematics, science, and religious education, to middle and high school students. For seven years Greg taught at Seton Catholic College, Samson – holding the pastoral position of House Coordinator for five years. Additionally, Greg has worked as an academic consultant for Academic Associates (Perth) and Pearson Education (Melbourne). He written and published texts for Upper School Mathematics courses in Western Australia, and more recently for the Australian Curriculum. Greg perennially marks WACE examination papers in Mathematics for the School Curriculum and Standards Authority. Greg was the lead author for *Teaching Secondary Mathematics* – a pedagogically-based text for pre-service, secondary Mathematics teachers in Australia, which was released in July 2016.

Greg holds a Bachelor of Education from The University of Notre Dame Australia. He completed both of his Master of Education degrees at The University of Notre Dame, South Bend, Indiana. From 2009-2011, Greg has worked as a sessional lecturer at The University of Notre Dame Australia. In 2011 he completed his doctoral studies at Notre Dame's Fremantle Campus, and was appointed to a full-time academic faculty position in the School of Education. As a Senior Lecturer, Greg trains pre-service secondary teachers in mathematical content and pedagogy. Greg is currently conducting research within all secondary schools to investigate why capable students are not enrolling in higher mathematics courses.

Dr Raymond Williams PhD

Raymond Williams' teaching career started in 1968. He has taught in Victoria and Queensland, but predominantly in Western Australia and presented at Mathematics Conferences regularly in Australia, Europe and the United States. In his career, Ray has held a variety of promotional positions within AISWA schools and within the Department of Education, encompassing pastoral and administrative positions. He has written and published revision texts for earlier Upper School Mathematics courses in Western Australia, and was a member of the Examination Panel for Mathematics 3A3B for the duration of the existence of that course (2010 – 2015). He is an accomplished presenter for Texas Instruments, particularly in the use of the graphics calculator in supporting mathematical learning.

Ray completed both his Master of Education degrees and his doctoral studies at Curtin University, and he has been Head of Learning Area: Mathematics at St Mark's Anglican Community School for the past 24 years. Ray has recently worked as a sessional lecturer/tutor at The University of Notre Dame Australia and Murdoch University and is committed to supporting and improving Mathematics teachers and Mathematics teaching. Although Ray enjoys teaching mathematics to people of all ages, he is particularly interested and passionate about working with remedial students, gifted and talented students, and mathematics teachers.