“Flipereing = flipped and peer learning: what does it take to succeed?”

FASE Lunchtime Seminar

12.00 – 1.30pm
Tuesday 10 November

Oceans Institute Seminar Room
G.05, corner Fairway Street and Edwards Street

Abstract
No I am not crazy! But I have flipped. In stages. And now I have totally flipped! So how is the world of teaching and learning looking upside down? Did I cover the syllabus? Did it take more work? Was it more rewarding? Were the classes disorganised? Did the students love it or hate it? Did attendance improve? Did student learning improve?

Method
Data was analysed on student performance and from student feedback surveys. Student examination performance will be compared for flipped mode versus traditional delivery. Also presented will be the student evaluation surveys of flipped mode versus traditional delivery.

Tips
I will provide tips on flipping a mathematics and statistics class from my experience. I will also discuss development of material, conducting a flipped mode class, and how peer learning was used. In addition, I will discuss the use of other experts in lectures.

If you have never flipped, or have thought about it but were not sure how it would work, or wanted to flip but were scared of the unknown, come and hear the story of my journey to the dark side!

About the presenter

Dr R. Nazim Khan
School of Mathematics and Statistics

Nazim Khan is a lecturer in Mathematics and Statistics. He has 35 years experience in teaching Electrical Engineering, and Mathematics and Statistics. Nazim’s research interests are in stochastic modelling, hidden Markov models, EM algorithm, computational statistics and applications in science, engineering and medicine.

Nazim is also very interested in STEM education, having published several papers in this area, and given several conference presentations. He is part of the First Year in Mathematics network, a group interested in the teaching and learning issues particular to first year mathematics and statistics.

References provided by Dr Nazim Khan are available in the email.

RSVP: Please register your attendance to fase-ecm@uwa.edu.au
By Friday 6 November 2015

There will be a light lunch, refreshments and an opportunity to network informally from 12.00pm followed by the presentations.