

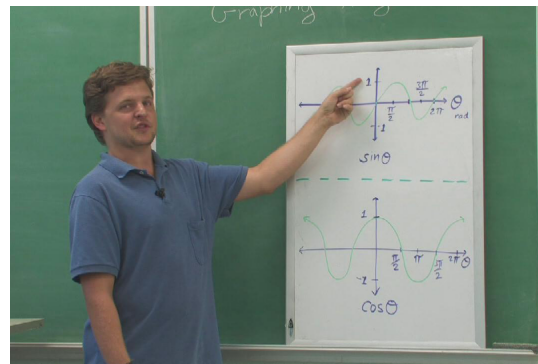
Att: Head of Department- Mathematics

# GeoGebra: A Dynamic Approach to Yr 9-10 Trigonometry

 <b>DATE</b> Monday 16th August 2010	 <b>VENUE</b> ONLINE COURSE	 <b>CODE</b> GAD00	 <b>COST</b> \$230.00 (+GST)	 <b>TIME</b> 24 Hour Access	 <b>CATERING</b> N/A
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## Course Outline: This is an online course

This is a 'beyond-beginners' online course. If you have not completed one of Richard's intro courses but have some experience with GeoGebra then check the prerequisite skill list at the end of this overview. This course guides you through an engaging, inquiry-based, hands-on approach to teaching Yr 9-10 trigonometry. The course looks at building files which serve to get students thinking rather than simply to deliver information. Participants are encouraged to input their own ideas into the unit. The prerequisite skill list: Constructing figures using: point, line and segment tools, perpendicular-parallel line tools, polygon, circle and all measure tools, slider, checkboxes, text tool and move-drawing-pad. Modifying constructions via the properties box. Creating basic formulas using dynamic text. Fixing text to points.



## Presented by Richard Andrew

Richard has taught in 3 states and territories of Australia over the past 25 years and has been Head of Mathematics at Oxford Falls Grammar School for 6 years.

He has developed a teaching style which is interactive and relational, directed yet open ended, and which fosters individual progression, higher-order thinking, and collaborative learning.

Richard is a passionate campaigner for conceptual learning; his professional journey continues to lead him to discover more and more ways of teaching mathematics conceptually and he delights in sharing these with other teachers.

## Course Enrolment Form Fax To 1300 667 691

Please note, by submitting this enrolment form you are confirming that you have been given financial approval by your school to attend this course.

Name of attendee	Mobile/Home Phone	Email (for course information)	Teaching area

Teacher Accreditation No (Institute of teachers):

Name of School/Institution \_\_\_\_\_ School Phone \_\_\_\_\_



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