

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

Code: GAD00

Presented By Richard Andrew

*A must for all Yr 9 - 10 Mathematics teachers*

Login from  Mon 3rd Dec, 2012	COST  \$295 (+GST)	<b>ONLINE Course</b> <b>9 PD Hours</b> <b>delivered over 5-6 weeks 24 hr access</b> 
--	---	---

## Course Outline

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.

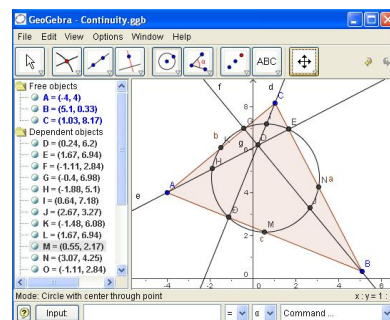
Participants are encouraged to input their own ideas into the unit.

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.

Accredited PD Hours=9

*Know how to use  
GeoGebra?*

*Want to see how to teach  
Yr 9-10 Trigonometry  
using an enquiry  
approach with  
GeoGebra?*



## 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.

## ENROL NOW

**FAX TO: 1300 667 691**

**OR**

**ENROL ONLINE: [www.tta.edu.au](http://www.tta.edu.au)**

Please note, by submitting this enrolment form you are confirming that you have been given financial approval by your school to attend this course  
**CANCELLATION:** Cancellation advice should be given in writing 7 days prior to the course date

Name of attendee	Mobile/Home phone	Teaching area
Email (to send course information)		Name of School/Institute
Teacher Registration Number (Qld College of teachers)		School Phone



T 1300 789 961  
 F 1300 667 691  
 E [admin@tta.edu.au](mailto:admin@tta.edu.au)  
[www.tta.edu.au](http://www.tta.edu.au)  
 ABN 13 134 120 353

**PD Hours: 9**

Professional Teaching Standards  
 1, 3, 5, 10



This course has been designed in line with the QCT Professional Standards for Teachers.