

2017 HSC Study Day Series

Mathematics (2 unit)



HSC revision opportunity for rural and remote DoE schools in NSW

This is an opportunity for any HSC class in a rural or remote Department of Education school offering HSC Mathematics (2 unit) to connect and revise with others. A range of experienced teachers and HSC markers will present updated information on course content. Students will have opportunities to ask questions and seek answers in real time.

Date: Wednesday 26 July 2017

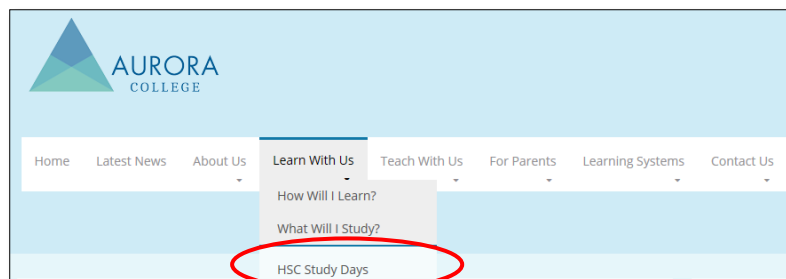
Time: 8:55am - 3:40 pm

Location: Online via Adobe Connect. Materials and URL will be emailed to participating schools prior to the event and will also be available for download on the day.

Registration: Go to <http://www.aurora.nsw.edu.au/learn/hsc-study-days>

Teachers register using their DoE email address only.

Registration closes on Wednesday 28 June 2017.



Cost: \$50 per school. Please select '*pay by invoice*' when registering.

Payment

Payment Method: *

Duty of care for students throughout the day remains with the registered schools and their respective teachers. Please ensure adequate supervision is provided during the day. We look forward to your participation.

If you have any questions or require more information, please contact

Sharleen Mulawin

R/Head Teacher, Teaching and Learning

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About the presenters

We have three very experienced presenters who come with a variety of teaching experiences, which includes but is not limited to Head Teacher, teaching and living in rural and remote communities, and HSC marking.

Program

| Time | Session |
|---------------|---|
| 8:55 - 9:10 | Welcome and introduction <i>Sharleen Mulawin, Aurora College</i> |
| 9:10 – 9:40 | Topic 1- Moving up a mark range in the HSC exam <i>Kathy Howard- Head Teacher Mathematics, Aurora College</i> |
| 9.40 – 10:30 | Topic 7- Applications of calculus to physical world This topic will also address logarithmic and exponential functions <i>Kathy Howard- Head Teacher Mathematics, Aurora College</i> |
| 10:30 – 10:50 | Morning tea break |
| 10:50 – 11:50 | Topic 2- Series and sequences <i>David Watson Head Teacher Mathematics, Fairfield High School</i> |
| 11:50 – 12:30 | Topic 5 –Using similarity and congruence <i>David Watson Head Teacher Mathematics, Fairfield High School</i> |
| 12:30 – 1:15 | Topic 3- Integration This topic will also address logarithmic and exponential functions <i>Stuart Palmer</i> |
| 1:15 – 1:45 | Lunch break (<i>opportunity to ask questions</i>) <i>Kathy Howard</i> |
| 1:45 – 2:30 | Topic 4 -Trigonometric functions This topic will also address logarithmic and exponential functions <i>Stuart Palmer</i> |
| 2:30 – 3:15 | Topic 6 – Geometrical applications of differentiation <i>Stuart Palmer</i> |
| 3:15– 3:30 | Wrap up and Q & A <i>Kathy Howard and Stuart Palmer</i> |

Setting up Adobe Connect

The sessions will be held via Adobe Connect. Please ensure there is only one connection per school. The presentation can be displayed on a data projector through any computer with an ethernet cable and speakers. The information below will help with setting up if you are not familiar with Adobe Connect.

- You will need to perform all necessary setup in advance of your online session so that you have time to resolve any connection or access issues. The Adobe room will be open 30 minutes prior to commencing to allow time for set up.
- Test your computer prior to accessing your online room by going to the [Meeting Connection Diagnostic](#). Ensure you install any add-ins, if prompted to do so by the connection test.
- The following guide may also be useful [Quick Start Guide for Participants](#)