

Back to Basics

The lasting value of
face-to-face interaction

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Maths Support at LSBU

The service was started in 1996 by Dr Sue Starkings
Original concept was support of small groups of students as referred by the faculties

In 2002 when I started the support was for 'Basic Maths' only
This evolved to the current position of 'Maths for all Levels'
From Diploma to Post Doctoral studies the LSBU Maths Team

“Do whatever students need”

As David Bowers (Sigma Network Chair) wrote in the
September 2014 sigma Network Newsletter

“Higher, Wider, Deeper”

Background of the speaker

Spent majority of his working life in Queensland, Australia before emigrating to the UK in Sept 2001

Originally studied Mechanical Engineering but had a wide and varied career before joining LSBU as a Maths Tutor in 2002

Qualifications:

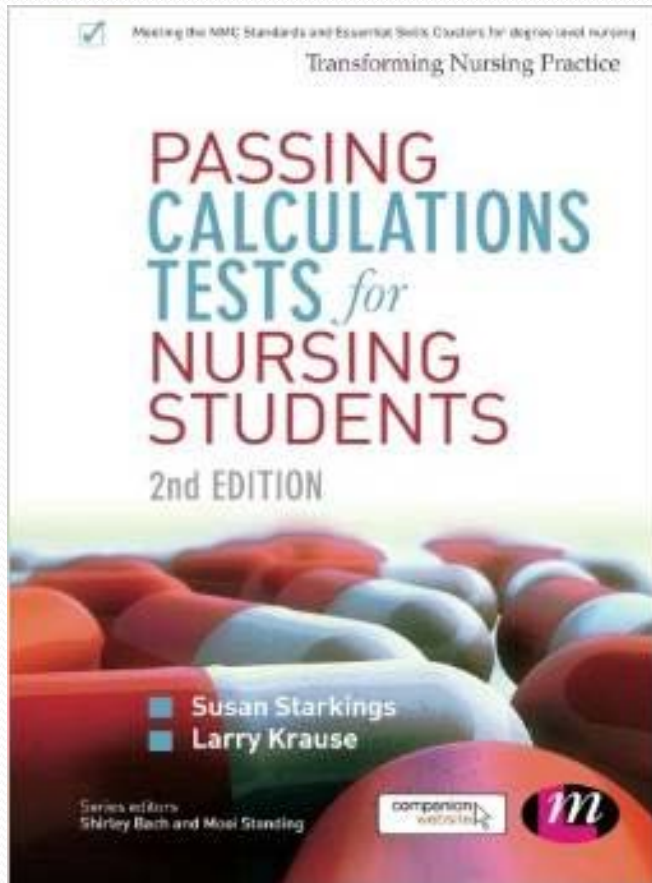
BSc (Hons) in Mathematics and its Learning

PG qualification in Accounting and Booking

Currently studying for Masters in Education

Nursing Maths text book co-author

The First Edition was reprinted due to high demand and the current Second Edition has also very well received. We are currently writing the Third Edition for release next March.



The books are published by
Learning Matters
(a Division of Sage Publishing)

2nd Edition ISBN-13: 978-1446256428
#16 in Books > Science & Nature > Medicine > Nursing
Rated by Amazon Readers as 4.7 out of 5 stars

1st Edition ISBN-13: 978-1844454716
#1 in Books > Science & Nature > Medicine > Nursing
[Currently out of print]

Presentation to Cover

- Maths Support at London South Bank University (LSBU)
- Going Higher, Wider, Deeper with the levels of support being done face-to-face
- Personal interaction versus self-guided learning
- Real case studies (names changed) of success interactions

Why face-to-face

- An increased demand from students for maths/ numeracy assistance for their Module(s)
- Cognitive recognition of individual's comprehension
- Support can be personalised for individuals or groups
- Tuition is moderated at the pace required to complete in the module time frame – students know when they are not 'keeping up' and can seek support early

Face-to face with good text books equals great feedback like:

- “Your book and the way in which you explain the maths for nursing in simple easily understood terms has given my students a better understanding of the mathematics in Nursing”
- “My Mum is also a nurse and said she will be using your book for her Post Grad Course”
- “Thanks to your book the Course Directors can now reduce the formal maths lessons and recommend students review using your text”
- “This book makes nursing maths so much easier to understand and ensure the correct answers are obtained by my students”

Happy service users' comments

- “Maths was never this much fun at school” is a comment I often hear from students
- “Thanks to you and your NHS Formula I have gone from a Grade *E* at GCSE Level Maths to a Registered Nurse”
- “Your simple approach has made it easy to understand drug calculations and I now feel more confident”
- “Your book and the way in which you explain the maths for nursing in simple easily understood terms has given me a better understanding of the mathematics required in Nursing”

Maths Support at London South Bank University

<https://my.lsbu.ac.uk/page/maths-support>

- **What we do**

- We offer a range of mathematics and statistics sessions as part of a programme that aims to provide all of your support needs through university and beyond.
- We hold sessions at Southwark and Havering campuses and all sessions are free.

- [Southwark: book online now](#)

- [Havering: view online timetable](#)

- **What we offer you**

- **Bookable one-to-ones**

- You can get advice on mathematical/statistical problems on an individual basis with a tutor. These last 20 minutes and you must book in advance.

- **Topic workshops**

- These are group workshops. You don't need to book in advance.

- **Drop-in workshops**

- These are drop-in workshops where there are no set topics. You don't need to book in advance.

- **Nursing topic sessions**

- Get help with nursing maths calculations.

- **Drop-in nursing sessions**

- These are drop-in workshops where you can get help with your nursing numeracy test or any other nursing calculation.

- **Summer courses**

- Find out more about what's taking place by visiting our Summer courses page.

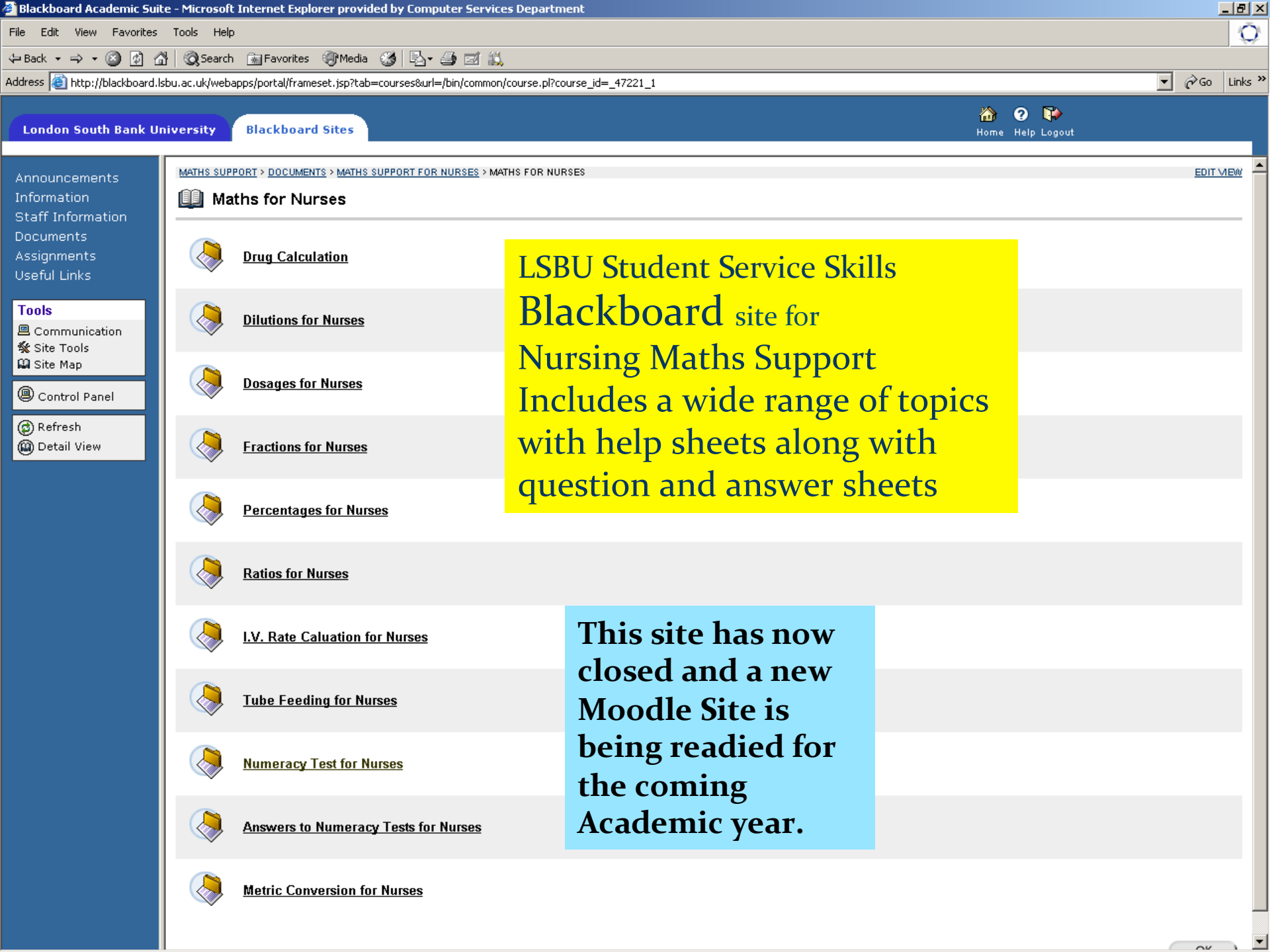


Real people real story

The story of ‘Tony’ and how between face-to-face interaction and hard work he turned his life around.

Face-to-face Backup Support

- Publish handout material for students use
- Website accessible to LSBU students only with questions and answers for various courses
- Adaptability – able to create material given short notice for specific topics or questions
- Accessible to faculty staff and students to ensure support offered is suitable, relevant and current



- Announcements
- Information
- Staff Information
- Documents
- Assignments
- Useful Links

Tools

- Communication
- Site Tools
- Site Map

Control Panel

- Refresh
- Detail View

MATHS SUPPORT > DOCUMENTS > MATHS SUPPORT FOR NURSES > MATHS FOR NURSES

EDIT VIEW

Maths for Nurses



Drug Calculation



Dilutions for Nurses



Dosages for Nurses



Fractions for Nurses



Percentages for Nurses



Ratios for Nurses



I.V. Rate Calculation for Nurses



Tube Feeding for Nurses



Numeracy Test for Nurses



Answers to Numeracy Tests for Nurses



Metric Conversion for Nurses

LSBU Student Service Skills
Blackboard site for
Nursing Maths Support
Includes a wide range of topics
with help sheets along with
question and answer sheets

This site has now
closed and a new
Moodle Site is
being readied for
the coming
Academic year.

Any Questions ?

Larry Krause

Skills for Learning Team

London South Bank University



Thanks for listening