Lecturers  Asst/Prof Thomas Stemler (Co-ordinator)
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Please direct any unit inquiries to Asst Prof Thomas Stemler.
Introduction and Motivation
What to expect from this unit

Calculus C is for students who have completed only at most TEE Discrete Mathematics or equivalent. If your mathematics background is higher than this, please contact the unit co-ordinator immediately as you may not get credit for MATH1050 for your degree.

This unit offers you some exposure basic algebra, differential and integral calculus and selected applications. See Lecture Schedule for details.
1. Lecture starts on the hour, so be in time!
Class Rules

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2. Do not leave early! You are here for the full lecture.
3. No talking in class, except when permitted.
Why study Mathematics?

Power point presentation to motivate the study of Mathematics and this unit in particular.
How to pass this unit?

1. Attend *ALL* classes!
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2. Attempt *ALL* set work.
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4. Ask questions if you do not understand anything. I will post consulting times on the web page each week.
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2. Attempt *ALL* set work.
3. Use the lecture as a work session. Bring your brain with you!
4. Ask questions if you do not understand anything. I will post consulting times on the web page each week.
5. Work to succeed!
1. I am not good at Maths.
Blockages

1. I am not good at Maths.
2. I don’t like Maths.
1. I am not good at Maths.
2. I don’t like Maths.
3. Why do I need to do Maths?
Blockages

1. I am not good at Maths.
2. I don’t like Maths.
3. Why do I need to do Maths?
4. I don’t like my course.
1. I am not good at Maths.
2. I don’t like Maths.
3. Why do I need to do Maths?
4. I don’t like my course.
5. I don’t like the lecturer.
Aim to excel at all you do

- Do not be content with mediocre! Aim to be the best you can be.
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- Do not be content with mediocre! Aim to be the best you can be.
- The only limitations we each have are what we are born with. Other than that there is no limit to what we can achieve.

Aim high. Set your goals, a timeline and a path to the goals. Push your boundaries to discover your limits. Are you working at your limits yet?

If you aim to succeed be prepared to fail! Then learn from your failures!

How long did it take you to learn how to walk? Ride a bike? Skate? Did you get hurt? Did you give up? But now you can walk, ride a bike, skate! And these are useful things!
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Look at the lives of great people!

- Motivate yourselves by reading about the lives of great people, those who made a difference to the world, those who changed the world!
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- These were ”just one person”.

Each of them could have chosen to fail! Each of them had circumstances against them! Will you choose to succeed or to fail?

Choose your future now! Set your goals now! And make a plan to achieve these goals.
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Before you decide to give up on anything, look at this young man!

http://www.youtube.com/watch?v=H8ZuKF3dxCY
Nick Vujicic was born in Melbourne, Australia (December 4, 1982) with the rare Tetra-amelia disorder: limbless, missing both arms at shoulder level, and having one small foot with two toes protruding from his left thigh.
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Nick graduated from college at the age of 21 with a double major in Accounting and Financial Planning. He began his travels as a motivational speaker, focusing on the topics that today’s teenagers face. He also speaks in the corporate sector.
Tomorrow

1. You will receive unit information, and lecture and assessment schedule.

2. Bring your calculator!!

3. Homework: On a sheet of paper write down your expectations, thoughts, feelings about this unit. Use words such as: difficult, easy, boring, exciting....