

## Diploma of Engineering Studies - Trimester 2 (June) 2008

### Prescribed Texts

#### Part One

##### **MCD1160 INTRODUCTORY ENGINEERING COMPUTING**

Willett, Edward C.: "Office 2003 Bible" Wiley Publishing, Inc., Indianapolis, Indiana.

Chatfield, C and Johnson, T: "Microsoft Office Project 2003", (Microsoft Press, Redmond, Washington).

##### **MCD1170 INTRODUCTORY CHEMISTRY**

**Prescribed Text:**

Sharwood, J., et al., *Nelson Chemistry VCE Chemistry Units 3 & 4*, Nelson, Melbourne.

Moore, Stanistiki & Jurs "Chemistry the Molecular Science" 3<sup>rd</sup> Edition, Thompson Publishing

##### **MCD 1180 INTRODUCTORY PHYSICS**

**Prescribed Text:**

Giancoli, D. C., *Physics Principles with Applications*, (6<sup>th</sup> Edition), Prentice Hall, USA.

**Prescribed CD:**

Mills, D., Don, C. & Higgins, P. (2000), *Physics: Concepts and Simulations Part A-Foundations*, [An interactive CD], Monash University, Melbourne.

##### **MCD1190 CHEMISTRY A**

**Prescribed Text:**

Sharwood, J., et al., *Nelson Chemistry VCE Chemistry Units 3 & 4*, Nelson, Melbourne.

Moore, Stanistiki & Jurs "Chemistry the Molecular Science" 3<sup>rd</sup> Edition, Thompson Publishing

##### **MCD1200 PHYSICS A**

**Prescribed Text:**

Giancoli, D. C., *Physics Principles with Applications*, (6<sup>th</sup> Edition), Prentice Hall, USA.

**Prescribed CDs:**

Mills, D., Don, C. & Higgins, P. (2000), *Physics: Concepts and Simulations Part A-Foundations*, [An interactive CD], Monash University, Melbourne.

Mills, D., Don, C., Feteris, S. & Higgins, P. (2000), *Physics: Concepts and Simulations Part B-Mechanics, Oscillations and Waves*, [An interactive CD], Monash University, Melbourne.

Mills, D., Don, C. & Ninio, F. (2000), *Physics: Concepts and Simulations Part C-Electrostatics, Magnetism and Modern Physics*, [An interactive CD], Monash University, Melbourne.

**MCD1220 ENGINEERING MATHEMATICS A****Prescribed Text:**

James, G., (2008), *Modern Engineering Mathematics*, 4th Edition, Prentice Hall.

**MCD1230 INTRODUCTORY ENGINEERING MATHEMATICS****Prescribed Text:**

Evans, M., Lipson, K., Jones, P., McCoy, T. and Blane D. (2000), *Essential Mathematical Methods Units 3 and 4*, Cambridge University Press, Melbourne (Oakleigh)

**Diploma of Engineering Studies****Part Two****MCD4140 COMPUTING FOR ENGINEERS**

Chapra, S.C.: "*Applied Numerical Methods with MATLAB for Engineers and Scientists*" (McGraw-Hill 2005)

**MCD4150 CHEMISTRY FOR ENGINEERING**

Chemistry for Scientists and Engineers", Fine, W; Beall, H. and Stuehr, S, Saunders College Publishing, ISBN: 0-03-031291-4

**MCD4160 PHYSICS FOR ENGINEERING**

Cummings, Laws, Redish & Cooney, *Understanding Physics* (Wiley 1<sup>st</sup> ed. 2004) plus Part 5 Halliday, Resnick & Walker *Fundamentals of Physics* (Wiley 7<sup>th</sup> ed. 2005), which is only for modern physics

Mills, D., Don, C., Feteris, S. & Higgins, P. (2000), *Physics: Concepts and Simulations Part B- Mechanics, Oscillations and Waves*, [An interactive CD], Monash University, Melbourne.

**MCD4170 MATHEMATICS FOR ENGINEERING**

Glyn James, *Modern Engineering Mathematics*, 3<sup>rd</sup> edn, 2001, Prentice Hall