Present: Associate Professor Mehmet Kizil (in the Chair), Professor Andrej Atrens, Associate Professor Lydia Kavanagh, Ms Miranda Mariette, Mr Doug Malcolm, Professor David Mee, Associate Professor Martin Veidt, Associate Professor Mingxing Zhang, Mrs Kim Lamb.

Apologies: Ms Yonna Cowan, Professor Ross McAree, Professor Richard Morgan, Ms Kylie Pettit, Associate Professor Carl Reidsema, Dr Surya Singh.

Minutes: The minutes of the meeting held on 22 March 2013, having been previously circulated, were taken as read and confirmed.

Business arising out of the minutes

The following items were actioned from the meeting on 22 March 2013 and submitted to the Board of Studies in Engineering

- Changes to assessment methods: ENGG7602 – Advanced Engineering Laboratory
- Changes to MINE7042 – Incident Investigation & Analysis
- Changes to MINE7041 – Mine Occupational Health & Safety Management
- Discontinuation of the field “Mineral Resource Risk Management” in the Graduate Certificate and Master of Mineral Resources
- Structural amendments in the field of “Mineral Resource Risk Management” in the Graduate Diploma and Master of Mineral Resources
- Change to assessment: MINE4120 – Mine Geotechnical Engineering
- Change to course description: MECH4480 – Computational Fluid Dynamics
- Change to semester of offer: MATE7001 – Environmental Performance of Materials
- Change to course description: MECH2305 – Introduction to Engineering Design & Manufacture

The following items were actioned from the meeting on 22 March 2013

- CTQA Report submitted to the Associate Dean (Academic)
- School Operational Plan updated
- Circulation of Library Report

Items outstanding

- Changes to courses and programs – Mineral Resources suite of programs

3. Changes to Courses

a. Rationalisation of fluid mechanics courses

Members endorsed the proposal to move MECH2410 – Fundamentals of Fluid Mechanics from Semester 2 to Semester 1 from Semester 1 2014. The change enabled students enrolled in Mining Engineering and Mining and Geotechnical Engineering programs to take the same course as other students in the School.

Members also endorsed the proposal to inactivate MINE2101 – Introduction to Fluid Mechanics from Semester 1 2014.

b. Change to semester of offer: MINE3106 – Minerals Industry Visit

Members endorsed the proposal to offer MINE3106 – Minerals Industry Visit in Semesters 1 and 2 from Semester 1, 2014. The course was presently offered in Semester 2 only and the addition of Semester 1 would enable more students to participate in this field trip.

c. Change to semester of offer: MECH4480 – Computational Fluid Dynamics

Members endorsed the proposal to move MECH4480 – Computational Fluid Dynamics from Semester 1 to Semester 2 to take effect from Semester 1 2014. The reason for this proposal was to give more students the opportunity to take the course. It was noted that students undertaking the BE (Mechanical Engineering) and BE (Mechanical and Aerospace Engineering) would need to take this course in Year 3 if they wished to do a thesis in computational fluid dynamics in Year 4.
3. Changes to Courses (cont’d)
   c. Change to semester of offer: MECH4480 – *Computational Fluid Dynamics* (cont’d)

   Members also endorsed the proposal for MECH4480 – *Computational Fluid Dynamics* to be added as a compulsory course in the BE/ME (Mechanical Engineering) and the BE/ME (Mechanical and Aerospace Engineering).

d. Change to course title and semester of offer: MECH4470 – *Hypersonics & Rarefied Gas Dynamics*

   Members endorsed the proposal to move MECH4470 – *Hypersonics & Rarefied Gas Dynamics* from Semester 2 to Semester 1 to take effect from Semester 1 2014. The reason for this proposal was to accommodate the change of semester of MECH4480 – *Computational Fluid Dynamics*.

e. Addition of a #8 research project (ENGG7280/7281/7282 – *Engineering Project 8A*) into the Master of Engineering Science and Master of Engineering Science Management in the undeclared field

   Members endorsed the proposal to add a #8 research project ENGG7280/7281/7282 - *Engineering Project 8A* into the Mechanical Engineering and Mechatronic Engineering field within the Master of Engineering Science and Master of Engineering Science Management from Semester 1 2014. The inclusion of this course would enable students in these fields to take a meaningful piece of research.

   ENGG7280 would need to be reactivated and scheduled to be offered in Semesters 1 and 2.

4. Changes to Programs

   Members endorsed the introduction of the fields of Mechanical Engineering, Mechanical and Aerospace Engineering and Mechanical and Materials Engineering into the BE/ME from Semester 1 2014.

   Clarification on whether or not fees will be required for domestic students was required.

5. Report from the Library

   Course coordinators were reminded to advise the Library on any reading materials to be held on reserve for Semester 2 2013.

   The Library was also able to assist with video streaming of material on Blackboard. It was agreed a notice would be placed in the School Newsletter.