Course Outline – Information for Students
Faculty of Engineering, Department of Civil and Environmental Engineering

PART A

Alphanumeric Course Code: Civil 708
Course Title: Work Based Learning
Year and Semester: 2017, Semester 1
Points value: 15

Prerequisites and Restrictions
• Restricted to postgraduate students with minimum of 2-3 years professional work experience or who are currently working part time in a professional engineering role.

Course coordinator / teaching staff
• Garry Miller
• Room 401:1011
• Ext 89398
• Office Hours: Mondays and Fridays

Class contact hours
• Face-to-face tutorials on an as needed basis, at mutually convenient times (approx. once per fortnight)

PART B

Course Prescription
This course is focussed on continuing work experience for students in a position of responsibility within a suitable construction engineering environment. Developing the students’ professional and interpersonal skills within the context of the role of the professional, applying theory to the practice of work procedures and processes; relate the theoretical and technological aspects of the specialization to working practices in the construction industry.

Course Content
Utilizing the reflective practitioner framework, this course aims to develop the professional engineer with an enhanced understanding of the correlation between theory and practice of construction engineering. The course will deliver, through a series of continually assessed reflective courseworks and a work diary project, recognition of workplace learning as an ongoing component of the engineering professional. Critical outcomes from the course are:-

• Understanding of the totality of the Construction Management specialization for the professional engineer.
• Understanding the application of theory to the development of engineering procedures and processes.
• Enhanced ability to question concepts and approaches adopted in the engineering and wider construction industry.
• Establishing the relationship between the theoretical and technological aspects of the Construction Management specialization to the working practices and developments in the construction industry.

In order to meet all of the learning objectives outlined, students will meet regularly with both their academic supervisor and their industrial supervisor. Week by week through the semester, the student will progress through a series of work experience related tasks. There are no formal lectures with this
course. Rather flexible learning methods are adopted in which supervision meetings are arranged either face-to-face or via the aid of technology.

Students are expected to undertake considerable additional work per week reading and completing assignments. Note that the assignments are based on the workplace projects that the student is currently undertaking or has recently completed.

Learning Objectives/Outcomes
Upon successful completion of this course, students should be able to:

- Application of personal and social skills, well developed self-awareness of ability, aptitude and character.
- Development of work disciplines and routines.
- Development of self-confidence and maturity.
- Developing understanding of team working, personal relationships and authority.
- Demonstration of the continuity of professional development sufficient to meet the requirements for membership of IPENZ (or other professional body).
- Demonstration of improving analytical problem solving techniques under supervision in a working environment.
- Demonstration of improving transferable skills largely dependent on type of work experience but broadly in the application of industrial and public relations, business and industrial procedures, management skills, interpretation of procedures and programmes of work.
- Demonstration of increasing self reliance and contribution to team working when working to deadlines.

Learning resources
There are no prescribed texts since the learning experience from each student will be conditioned according to their professional work environment. Students may find a number of texts which cover the course material well, and should refer to several where possible.

Indicative
- Northedge, A. (1990), The Good Study Guide (Milton Keynes: The Open University)

Websites
http://www.ipenz.org.nz/ipenz/
http://www.work-basedlearning.org/index.cfm

Inclusive learning
Students are urged to discuss privately any impairment-related requirements face-to-face and/or in written form with the course convenor/lecturer and/or tutor.

Other information
The assignments are designed to align with the professional engineering competencies identified by IPENZ as required by a Chartered Professional Engineer. It is possible to align the assignments to professional competencies identified by other similar professional bodies such as the Institution of Civil Engineers. Students should discuss their objectives with the Course Coordinator in advance of enrolment.

PART C

Assessment
There are 5 assignments totalling 100% of the course assessment. Each assignment is worth 20%. There is no exam.

The deadline for submitting the assignments is provisionally at the end of week 12 of the Semester.
Extensions will only be granted in exceptional circumstances. If you want to apply for an extension you should discuss your circumstances with the Course Coordinator before the assignment due date. For medical circumstances, you should provide a copy (or original) of a medical certificate.

Academic Integrity
The University of Auckland will not tolerate cheating, or assisting others to cheat, and views cheating in coursework as a serious academic offence. The work that a student submits for grading must be the student's own work, reflecting his or her learning. Where work from other sources is used, it must be properly acknowledged and referenced. This requirement also applies to sources on the world-wide web. A student's assessed work may be reviewed against electronic source material using computerised detection mechanisms. Upon reasonable request, students may be required to provide an electronic version of their work for computerised review.

In the event of an unexpected disruption
We undertake to maintain the continuity and standard of teaching and learning in all your courses throughout the year. If there are unexpected disruptions the University has contingency plans to ensure that access to your course continues and your assessment is fair, and not compromised. Some adjustments may need to be made in emergencies. You will be kept fully informed by your course co-ordinator, and if disruption occurs you should refer to the University Website for information about how to proceed.

PART D

Student feedback
Student feedback is welcomed in order to help with continuous improvement of the course. In the past feedback has been obtained from students to help align the learning objectives with alternative professional bodies to IPENZ to assist with working towards professional registration with a range of different professional bodies. To help in future you may be asked to course evaluations and / or formative mid course evaluations/ fast feedback.