PG Conference Paper Instructions

For the postgrad students (only) in this course, there is an additional assessment of a 'Conference' Paper which has the following attributes:

- Worth 10% of your course marks
- Up to 8 pages in length (in the double-column format) in the template provided on Moodle
- Due to be submitted in the 'Turnitin' feature of Moodle by Friday of Week 10
- Should critically review a relevant topic from the world of 'Solar Thermal Energy Design' – e.g. a topic on the 'PG Report Topic' sign-up spreadsheet posted in Moodle. As such, the following should be covered in the report:
  - Introduce the key concepts of the topic
  - Describe the findings of at least 5 'good' sources of information on the topic
  - Compare advantages and disadvantages of currently available technology
  - Discuss any research problems and/or gaps in the topic
  - Consider the goals and future prospects for the topic
- Is written in your own words, with some 'value-add' from your perspective as a master of the topic in the discussion. Examples of 'value-add' may include: your own insights about the feasibility of the technology, your thoughts on the future of the topic, or any other critical analysis you can provide.

*Note: Some of the best PG conference papers in previous sessions have gone on to be presented at research conferences, such as the Australian Solar Council conference. However, a paper which is professional, well-structured, covers the topic in depth, uses appropriate sources, and provided insights can obtain full marks. A successful report should demonstrate the following learning outcomes and associated EA competencies:

Learning Outcome		**EA Stage 1 Competencies**
2.	Be able to use engineering terminology associated with solar thermal energy systems	• Conceptual understanding of the mathematics, numerical analysis, statistics, and computer and information sciences which underpin the engineering discipline. • In-depth understanding of specialist bodies of knowledge within the engineering discipline.
3.	Understand and be able to use the terminology associated with solar thermal energy to create a professional report.	• Ethical conduct and professional accountability. • Orderly management of self, and professional conduct.