

MS4089 – Final Year Project

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| Course Code | MS4089 | | | | | |
| Course Title | Final Year Project | | | | | |
| Pre-requisites | Year 4 Standing | | | | | |
| Pre-requisite for | NIL | | | | | |
| No of AUs | 8 | | | | | |
| Contact Hours | 280 | | | | | |
| Course Aims | | | | | | |
| <p>The main objective of the Final Year Project is to provide a platform for you to demonstrate your ability to apply your knowledge and skills gained from coursework studies and practicum work. This course helps you to gain confidence and experience in tackling project work independently which should contribute to your effective transition to the job market upon graduation.</p> | | | | | | |
| Intended Learning Outcomes (ILO) | | | | | | |
| <p>By the end of this course, you (as a student) would be able to:</p> <ol style="list-style-type: none">1. Undertake projects independently so that under similar professional requirement as engineers, he/she will be able to perform literature review, involving research and critical evaluation skills, acquire technical knowledge of the subject matter independently and complete projects successfully.2. Make sound decisions, to progress and develop time and resource management skills to complete the project successfully.3. Write good quality technical reports so that readers can understand the significance of the problems addressed and the application of engineering knowledge in reaching the solutions presented within the reports.4. Deliver presentations that are required as engineers. | | | | | | |
| Course Content | | | | | | |
| <p>Projects may include, but are not limited to, one or more of the following areas: Design, Product development, Software development, Laboratory investigation, Computing and analysis, Field testing and instrumentation and Feasibility studies. Besides project proposals generated by its own academic staff, the School also works with outside partners including the A*STAR Research Institutes and industrial companies to propose relevant projects.</p> | | | | | | |

Reading and References

Journals, conference papers, textbooks, web sources, project management resources, etc.

Course Policies and Student Responsibilities

As a student of the course, you are required to abide by both the University Code of Conduct and the Student Code of Conduct. The Codes provide information on the responsibilities of all NTU students, as well as examples of misconduct and details about how students can report suspected misconduct. The university also has the Student Mental Health Policy. The Policy states the University's commitment to providing a supportive environment for the holistic development of students, including the improvement of your mental health and wellbeing. These policies and codes concerning students can be found in the following link.

Academic Integrity

Good academic work depends on honesty and ethical behavior. Quality of your work as a student relies on adhering to the principles of academic integrity and to the NTU Honor Code, a set of values shared by the whole university community. Truth, Trust and Justice are at the core of NTU's shared values.

As a student of NTU, it is important that you recognize your responsibilities in understanding and applying the principles of academic integrity in all the work you do at the University. Not knowing what is involved in maintaining academic integrity does not excuse academic dishonesty. You need to actively equip yourself with strategies to avoid all forms of academic dishonesty, including plagiarism, academic fraud, and collusion and cheating. If you are uncertain of the definitions of any of these terms, you should go to the [academic integrity website](#) for more information. Consult your instructor(s) if you need any clarification about the requirements of academic integrity in the course.