

MN 1012: ENGINEERING IN CONTEXT

Individual Assignment

Engineers are no longer recognized as practitioners merely engaged in design and development of products & processes. Their role as forerunners of the sustainable development should be critically analyzed and appreciated.

Many initiatives had been taken to encourage the projects and products that feature sustainability concept. Engineers' robust contribution to the economy, environment and society while facing numerous limitations imposed by practicality, regulation, safety, and cost should be rationally addressed.

Required:

Write a report on the topic "The concept of Sustainability in Engineering" addressing the following,

1. Introduction to the concept (3 marks)
2. Application of Sustainability principles in main areas such as; *Product and process innovation, Entrepreneurship and Design*. (3 x 5 = 15 Marks)
3. Practical implications and solutions (10 Marks)

Page Formatting (2 Marks)

- ✓ Font : Times New Roman
- ✓ Font size : 12
- ✓ Spacing : 1.5
- ✓ Text alignment: Justified
- ✓ Margin for Top, Bottom, Left and Right: 1 inch
- ✓ Page numbering: on the bottom right hand corner

Late Submission Policy

The report (Hard copy) should be submitted to MOT Department along with a softcopy by 22nd February 2018 before 3.00 p.m. Students are permitted to submit their assignments maximum up to five working days after the due date with a penalty mark. Penalty marks of late submission will be two (02) marks for each working day with the maximum 10 marks. No assignment submitted after this late submission period should be accepted by the lecturer for marking.

Total Marks – 30 Marks

Word Limit – Maximum 3000 words.

Academic Misconduct, Cheating and Plagiarism

Plagiarism is the presentation of another's academic work without acknowledging appropriately. Whether one presents another's academic work as one's own intentionally or unintentionally, it is taken as academic misconduct. Not only direct quotation but also paraphrasing should be acknowledged

appropriately. Even with proper acknowledgement, inclusion of another's academic work in a given assignment should be limited and it may vary from one assignment to another. Other reported forms of cheating may include copying of another student's work completely or partly, getting another to do the assignment completely or partly, inclusion of the name(s) of student(s) who has/have not contributed to the assignment appropriately.

The department will carry out plagiarism checking via Turnitin software and will notify the list of the names of the students who have similarity rate above 30%. Any assignments related to any academic misconduct, cheating and plagiarism above 30% will be carried zero (0) marks.