



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Preventive and Predictive Maintenance
Course Number: AIT134

Required Materials

Textbook(s): The Complete Guide to Preventive and Predictive Maintenance
Required Readings: None
Additional Materials: Scientific Calculator; Laptops, note pads, writing utensils. Web Links, Handouts & related items as provided in class

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

| Week | Chapter/Topic/Lab |
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| 1 | Course introduction and syllabus review Power point Preventive, Predictive and Corrective Maintenance Assignment: Read Chapter one Chapter one Quiz DUE |
| 2&3 | Read Chapter 2 Read Chapter 3 Chapter Two and Three Quiz Due |
| 4 | Read Chapter 4 Read Chapter 5 Quiz Four & Five Due |
| 5 | Read Chapter 6 Quiz Six Due |
| 6&7 | Read Chapter 11 Quiz 11 Due Piping and Instrumentation Lab |
| 8 | Read Chapter 8 & 9 Iatrogenic failure Quiz Eight & Nine Due Mid Term – Project updates - Contact instructor with project outline |

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| 9 | Read Chapter 12 Quiz 12 Due Oil Analysis Assignment |
| 10 | Read Chapter 13 Read Chapter Fourteen Quiz 13 &14 Due |
| 11 | Read Chapter 19 Quiz 19 Due |
| 12 | Read Chapter 21 & 24 Quiz 21Due Chapter 24 Assignment |
| 13&14 | Read Chapter 26 and 27 Steps to install a PM system The Future of PM MAINTENANCE PLANNING IN THE FUTURE Quiz 26 & 27 Due Class Project Due - place in dropbox |
| 15 | Motor Drive Belt Lab |
| 16 | FINAL EXAM |