

REQUIREMENTS FOR AUTOMOTIVE ENGINEERING

BOOKS

Scientific Calculator

SMP- 4 Figure Advanced Mathematics Table

NB: The following Books are relevant for the course and are available online

- a) Basic Engineering Mathematics. By K. A. Stroud.
- b) Maintenance and repair for diesel engines by jean-luc pallas
- c) Automobile mechanical and electrical systems by tom denton

TOOLS AND EQUIPMENTS

1. Overall/ Dust-Coat – Navy Blue
2. Safety shoes
3. Ring spanners – size 6 to 28 S.I(standard)
4. Open end spanners – size 6 to30 (standard)
5. Box spanners – size 6 to 34 (standard) and (plus) attachments for box spanners
6. Flat end screwdrivers (a set)
7. Phillips (star) screwdrivers (a set)
8. Multi – purpose pliers
9. Side cutter
10. Long nose pliers
11. Vice grip pliers
12. Feeler gauge, 75mm 0.05 to 1.0 mm
13. Feeler gauge, 4' blade 0.0015 to 0.021”
14. Gap setter
15. Circuit tester
16. Flash light
17. Tape measure
18. Spark plug gauge set (round wire)
19. Adjustable wrench (small and large)
20. Point file
21. Ratchet
22. Digital multimeter

DRAWING

1. T-Square (1M Long)
2. Set Square (60 & 45)
3. Drawing Set
4. 1 Roll of Masking Tape