

UNIVERSITY OF MINES AND TECHNOLOGY, TARKWA
POSTGRADUATE MODULAR PROGRAMME IN MECHANICAL ENGINEERING
2025 ACADEMIC YEAR

S/N	Module No.	Module Title	Date	Instructor
1	MC 551	Research Methods	27 th Jan – 7 th Feb, 2025	Assoc Prof S. Nunoo
2	MC 562	Engineering Economics	10 th Feb – 21 th Feb, 2025	Dr E. Larbi
4	MC 583	Advanced Stress Analysis	24 th Feb – 7 th Mar, 2025	Prof M. Akintunde
5	MC 573	Advanced Fluid Mechanics	10 th Mar – 21 st Mar, 2025	Mr E. Adaze
6	MC 581	Structural Optimisation	24 th Mar – 4 th April, 2025	Mr A A Ankrah
7	MC 589	Product Modelling and Optimisation	7 th April– 18 th April, 2025	Prof S. A. Lawal
8	MC 571	Engineering Heat Transfer	21 st April – 2 nd May, 2025	Prof A. Simons
9	MC 591	Advanced Vibrations	5 th May – 16 th May, 2025	Dr E. M. Seckley
10	MC 574	Gas Dynamics	19 th May – 30 th May, 2025	Dr E. Ofori-Ntow Jnr
11	MC 592	Multi Body Dynamics and Robotics	2 nd May – 13 th June, 2025	Dr N. Yakah
12	MC 551	Research Methods	16 th June – 27 th June, 2025	Assoc Prof S. Nunoo
13	MC 588	Advanced CAD/CAM	30 th June – 11 th July, 2025	Mr G. Quartey
14	MC 577	Combustion and Internal Combustion Engines	14 th July – 25 th July, 2025	Prof A. Simons
15	MC 582	Fatigue and Fractures	28 th July – 8 th August, 2025	Prof M. Akintunde
16	MC 590	Design and Development of Manufacturing Operations	11 th August – 22 nd August, 2025	Dr E Ofori-Ntow Jnr
17	MC 572	Gas Turbines and Fuel Cells	25 th August - 5 th September, 2025	Dr A. A. Kwarteng
18	MC 580	Composite Mechanics	8 th September – 19 th Sept, 2025	Mr A A Ankrah
19	MC 586	Product System Automation	22 nd September– 3 rd October, 2025	Prof S. A. Lawal
20	MC 575	Computational Fluid Dynamics	6 th October – 17 th October, 2025	Dr C. A. Komolafe
21	MC 578	Renewable Energy Resources	20 th October – 31 st October, 2025	Dr C. A. Komolafe
22	MC 556	Field/ Laboratory	3 rd November – 14 th November, 2025	All Supervisors
23	MC 576	Advanced Engineering Thermodynamics	17 th November – 28 th November, 2025	Dr A. A. Kwarteng
24	MC 401*	Introduction to Mechanical Engineering	TBD on demand	Dr E. M. Seckley
25	MC 403*	Numerical Methods	TBD on demand	Dr H. Otoo
26	MC 405*	Control Systems	TBD on demand	Dr A. A. Kwarteng
27	MC 407*	Computer Applications: Programming in C/C++	TBD on demand	Dr H. Abdul-Fatao

* Audit courses for students without Mechanical Engineering background

- N.B. (i) Participation fee is **GH¢1000.00** per module for registered students
Participation fee is **GH¢1,400.00** per module for other participants
Participation fee is **\$500.00** per module for foreign participants
- (ii) Registration closes one (1) week before commencement of module
- (iii) To register please contact: The Administrator, Department of Mechanical Engineering
University of Mines and Technology, Tarkwa
Tel: +233 3122 93490/+233 540935549