

UNIVERSITY OF MINES AND TECHNOLOGY (UMaT), TARKWA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE DISTRIBUTION FOR FIRST SEMESTER JULY 2025 ACADEMIC YEAR

MSc/MPHIL/PhD COMPUTER SCIENCE AND ENGINEERING - JULY ADMISSIONS (2025)

YEAR ONE SEMESTER ONE						
SN	COURSE NO.	COURSE TITLE	Dates	C	1ST EXAMINER	2ND EXAMINER
Core Modules						
1.	CE 551	Research Methods**	14/07/2025 - 25/07/2025	3	Dr A. Hamidu	Dr V. M. Nofong
2.	CE 571	Very Large Scale Integration (VLSI)*	28/-7/2025 - 08/08/2025	3	P. Blewushie	Dr A. Hamidu
3.	CE 573	Optimisation Methods and Applications*	11/08/2025 - 22/08/2025	3	Dr E. N. Wiah	Assoc Prof L. Brew
4.	CE 575	Realtime Systems*	25/08/2025 - 05/09/2025	3	Dr E Effah	M.Y. Umaru
5.	CE 577	Parallel Computing*	08/09/2025 - 19/09/2025	3	Dr A. A. Amponsah	Dr S. Anokye
6.	CE 579	Data Mining*	22/09/2025 - 10/10/2025	3	Dr V. M. Nofong	Dr A. Hamidu
7.	CE 589	Information Theory and Coding*	13/10/2025 -24/10/2025	3	Dr A. Hamidu	Dr A. Kwansah Ansah
Artificial Intelligence Modules						
8.	CE 581	Probability and Random Processes	27/10/2025 -07/11/2025	3	Dr E. N. Wiah	Assoc Prof L. Brew
9.	CE 583	Computational Intelligence	10/11/2025 - 28/11/2025	3	Dr E. M. Martey	Dr A. Hamidu
Software Systems Modules						
10.	CE 585	Information Systems Analysis, Modeling and Design	27/10/2025 -07/11/2025	3	Dr S. Anokye	F. E. Y. Broni
11.	CE 587	Software Testing and Quality Assurance	10/11/2025 - 28/11/2025	3	Dr I. Botchway	Dr F. L. Aryeh
Embedded Systems and Control Modules						
12.	CE 597	Advanced Embedded Systems Design	27/10/2025 -07/11/2025	3	Dr E Effah	M.Y. Umaru
13.	CE 599	Implementation of Digital Signal Processing Systems	10/11/2025 - 28/11/2025	3	Dr E Effah	M. Sitti
Information and Cyber Security Modules						
14.	CE 593	Information Security Concepts and Cryptography	27/10/2025 -07/11/2025	3	Dr E. Affum	Dr F. L. Aryeh
15.	CE 595	Cyber Threat Intelligence	10/11/2025 - 28/11/2025	3	Dr A. Kwansah Ansah	Dr F. L. Aryeh
Data Communication and Networks						
16.	CE 591	Mobile and Ad-hoc Computing	27/10/2025 -07/11/2025	3	Dr A. Kwansah Ansah	Dr S. Anokye

* Core Module

** University Mandatory Module

YEAR ONE SEMESTER TWO

SN	COURSE NO.	COURSE TITLE	Dates	C	1ST EXAMINER	2ND EXAMINER
1.	CE 556	Field/Laboratory Work**	Dates to be provided next semester	3	Dept Training Officer	Dept Training Officer
Artificial Intelligence Modules						
2.	CE 572	Multi-Agent Systems	Dates to be provided next semester	3	Dr A. Hamidu	Dr E. M. Martey
3.	CE 574	Computer Vision and Pattern Recognition	Dates to be provided next semester	3	Dr E. M. Martey	Dr A. Hamidu
4.	CE 576	Natural Language Processing	Dates to be provided next semester	3	Dr A. Hamidu	Dr V. M. Nofong
Software Systems Modules						
5.	CE 578	Advanced Data Modeling	Dates to be provided next semester	3	Dr E. M. Martey	Dr S. Anokye
6.	CE 580	Advanced Database Systems	Dates to be provided next semester	3	Dr F. L. Aryeh	Dr A. Kwansah Ansah
7.	CE 582	Pattern Based Software Development	Dates to be provided next semester	3	M.Y. Umaru	F. E. Y. Broni
Data Communication and Networks						
8.	CE 584	Digital Communications	Dates to be provided next semester	3	Dr I. Botchway	Dr S. Akpah
9.	CE 586	Software Defined Networks	Dates to be provided next semester	3	Dr S. Anokye	Dr A. Kwansah Ansah
10.	CE 588	Computer Network Security	Dates to be provided next semester	3	Dr E. Affum	Dr S. Akpah
11.	CE 590	Computer Networks-Architectures, Protocols and Standards	Dates to be provided next semester	3	Dr S. Akpah	Dr A. Kwansah Ansah
Information and Cyber Security Modules						
12.	CE 588	Computer Network Security	Dates to be provided next semester	3	Dr E. Affum	Dr S. Akpah
13.	CE 590	Computer Networks-Architectures, Protocols and Standards	Dates to be provided next semester	3	Dr S. Akpah	Dr A. Kwansah Ansah
14.	CE 592	Cyber Incident Handling and Reporting	Dates to be provided next semester	3	Dr I. Botchway	Dr A. Kwansah Ansah
15.	CE 596	Malware and Email Security Analysis	Dates to be provided next semester	3	Dr F. L. Aryeh	Dr S. Akpah
Embedded Systems and Control Modules						
16.	CE 562	Internet of Things Technology and Applications	Dates to be provided next semester	3	S. Anokye	M.Y. Umaru
17.	CE 594	Systems-On-Chip Design	Dates to be provided next semester	3	M.Y. Umaru	Dr E Effah
18.	CE 598	Adaptive Signal Processing	Dates to be provided next semester	3	Dr E Effah	M.Y. Umaru

* Core Module

** University Mandatory Module

Modules Taken Either Semesters

SN	COURSE NO.	COURSE TITLE	Dates	C	1ST EXAMINER	2ND EXAMINER
1.	CE 500	MSc Thesis		21		
2.	CE 550	MSc Seminar		3		