



**FACULTY OF COMPUTING (FKomp)**

# COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



**Campus :** GAMBANG  
**Level :** DEGREE  
**Course Code :** BCI2023  
**Course Name :** DATABASE SYSTEMS  
**Pre-Requisite :** NO  
**Remarks :** NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01G	FRI	10:00-10:50	FSK15	B	36	Y 30/01/2024 - AM	01469 - LSC
		11:00-11:50	FSK15	B	36		
	THU	08:00-08:50 09:00-09:50	Z01-0004 Z01-0004	L L	36 36		
02G	FRI	08:00-08:50	FSK15	B	36	Y 30/01/2024 - AM	01469 - LSC
		09:00-09:50	FSK15	B	36		
	THU	08:00-08:50 09:00-09:50	Z01-0004 Z01-0004	L L	36 36		



## Couse Synopsis :

The course emphasizes on the importance of data to an organization and how the data should be managed. Database management system (DBMS) will be viewed as a solution to the problems of file processing system. Aspects of relational database design will be covered in details. This includes database development life cycle, database architecture, data models, and normalization process. Structured Query Language (SQL) will be discussed and empahsised as query language in database management. Students will be given a real life problem to design and develop a database application system. In the later part of the course students will be exposed to the latest developments in database architecture.



**Campus :** GAMBANG  
**Level :** DEGREE  
**Course Code :** BCI1093  
**Course Name :** DATA STRUCTURE & ALGORITHMS  
**Pre-Requisite :** BCI1023, BCS1023,  
**Remarks :** NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01G	FRI	08:00-08:50	FSK14	B	36	Y 25/01/2024 - AM	TBA0001 - ES(
		09:00-09:50	FSK14	B	36		
	TUE	08:00-08:50 09:00-09:50	Z01-0004 Z01-0004	L L	36 36		
02G	FRI	10:00-10:50	FSK14	B	35	Y 25/01/2024 - AM	TBA0001 - ES(
		11:00-11:50	FSK14	B	35		
	TUE	08:00-08:50 09:00-09:50	Z01-0004 Z01-0004	L L	35 35		



## Couse Synopsis :

This course is designed to expose the students to the data structures and algorithm. It provide theoretical basis in data structures and the application of data structures is based on standard algorithms. Students must also be able to transform the data structure and algorithms problems into the computer programs.

# COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : GAMBANG

Level : DEGREE

Course Code : BCI1103

Course Name : COMPUTER PROGRAMMING

Pre-Requisite : NO

Remarks : 01G - BSK BSP BPS  
02G - BSK BSP BPS  
04G - BMM BMA  
05G - BKC  
07G - BEE  
10P - BTE  
11P - BHM  
13P - BTD BTA BTG  
15P - BTS

## Semester I Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01A	WED	12:00-12:50 13:00-13:50	FKPPT-L- 01B FKPPT-L- 01B	B B	30 30	N	01100 - ZRBMA
01B	WED	12:00-12:50 13:00-13:50	FKPPT-L- 01B FKPPT-L- 01B	B B	30 30	N	01100 - ZRBMA
01G	MON	12:00-12:50 13:00-13:50	W-DK-13 W-DK-13	L L	60 60	N	01100 - ZRBMA
02A	THU	12:00-12:50 13:00-13:50	FKPPT-L- 01B FKPPT-L- 01B	B B	30 30	N	01100 - ZRBMA
02B	THU	12:00-12:50 13:00-13:50	FKPPT-L- 01B FKPPT-L- 01B	B B	30 30	N	01100 - ZRBMA
02G	TUE	12:00-12:50 13:00-13:50	W-DK-13 W-DK-13	L L	60 60	N	01100 - ZRBMA
03A	WED	14:00-14:50 15:00-15:50	ET-L-01 ET-L-01	B B	20 20	N	01985 - MBM
03B	WED	14:00-14:50 15:00-15:50	ET-L-01 ET-L-01	B B	20 20	N	01985 - MBM
03G	FRI	10:00-10:50 11:00-11:50	Y-DK-03 Y-DK-03	L L	40 40	N	01985 - MBM
04A	FRI	10:00-10:50 11:00-11:50	ET-L-02 ET-L-02	B B	30 30	N	FP0040 - IBMA
04B	THU	08:00-08:50 09:00-09:50	ET-L-02 ET-L-02	B B	30 30	N	FP0040 - IBMA
04G	WED	08:00-08:50 09:00-09:50	Y01-0018 Y01-0018	L L	60 60	N	FP0040 - IBMA
06A	WED	10:00-10:50 11:00-11:50	FSK12 FSK12	B B	30 30	N	FP0040 - IBMA
06B	WED	10:00-10:50 11:00-11:50	FSK12 FSK12	B B	30 30	N	FP0040 - IBMA
06G	MON	10:00-10:50 11:00-11:50	Y01-1010 Y01-1010	L L	60 60	N	FP0040 - IBMA
07A	TUE	14:00-14:50 15:00-15:50	ETIM-L-01 ETIM-L-01	B B	30 30	N	01985 - MBM
07G	WED	08:00-08:50 09:00-09:50	ETIM-L-01 ETIM-L-01	L L	30 30	N	01985 - MBM

## Semester II Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01A	WED	12:00-12:50 13:00-13:50	FKPPT-L- 01B FKPPT-L- 01B	B B	30 30	N	FP0040 - IBMA
01B	WED	12:00-12:50 13:00-13:50	FKPPT-L- 01B FKPPT-L- 01B	B B	30 30	N	FP0040 - IBMA
01G	MON	12:00-12:50 13:00-13:50	W-DK-13 W-DK-13	L L	60 60	N	FP0040 - IBMA
02A	THU	12:00-12:50 13:00-13:50	FKPPT-L- 01B FKPPT-L- 01B	B B	30 30	N	FP0040 - IBMA
02B	THU	12:00-12:50 13:00-13:50	FKPPT-L- 01B FKPPT-L- 01B	B B	30 30	N	FP0040 - IBMA
02G	TUE	12:00-12:50 13:00-13:50	W-DK-13 W-DK-13	L L	60 60	N	FP0040 - IBMA
04A	THU	14:00-14:50 15:00-15:50	ET-L-01 ET-L-01	B B	30 30	N	01100 - ZRBMA
04G	TUE	14:00-14:50 15:00-15:50	ET-L-01 ET-L-01	L L	30 30	N	01100 - ZRBMA
05A	THU	16:00-16:50 17:00-17:50	FTA16L FTA16L	B B	30 30	N	01469 - LSC
05B	THU	16:00-16:50 17:00-17:50	FTA16L FTA16L	B B	30 30	N	01469 - LSC
05G	TUE	16:00-16:50 17:00-17:50	W-DKU-K-01 W-DKU-K-01	L L	60 60	N	01469 - LSC
06A	THU	08:00-08:50 09:00-09:50	ET-L-02 ET-L-02	B B	30 30	N	01469 - LSC
06B	THU	08:00-08:50 09:00-09:50	ET-L-02 ET-L-02	B B	30 30	N	01469 - LSC
06G	MON	10:00-10:50 11:00-11:50	Y01-1010 Y01-1010	L L	60 60	N	01469 - LSC
07A	WED	14:00-14:50 15:00-15:50	FKASA11B FKASA11B	B B	30 30	N	0544 - JBS
07G	MON	14:00-14:50 15:00-15:50	FKASA11A FKASA11A	L L	30 30	N	0544 - JBS
08A	THU	12:00-12:50 13:00-13:50	FKASA11A FKASA11A	B B	30 30	N	0544 - JBS

# COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

08G	TUE	12:00-12:50 13:00-13:50	FKASA11A FKASA11A	L L	30 30	N	0544 - JBS
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## Couse Synopsis :

This subject aims to introduce the fundamental element and feasibilities of the computer programming to solve identified problems. The contents emphasis not only on the theoretical knowledge of programming but also the practical implementation in solving applications problem. Students will learn basic structure of computer programming including variables and data types, input and output instruction, statements, functions, arrays, string, pointers and files operations. Students will be taught on developing a program to solve general engineering problems, mathematical equations as well as displaying the data via 2D and/or 3D graphs.



**Campus :** GAMBANG  
**Level :** DEGREE  
**Course Code :** BCU1013  
**Course Name :** PROBLEM SOLVING & PROGRAMMING CONCEPT  
**Pre-Requisite :** NO  
**Remarks :** NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01G	MON	10:00-10:50	Z01-0003	L	35	Y 25/01/2024 - AM	01918 - YBMN
		11:00-11:50	Z01-0003	L	35		
	TUE	08:00-08:50 09:00-09:50	FSK14 FSK14	B B	35 35		
02G	MON	10:00-10:50	Z01-0003	L	30	Y 25/01/2024 - AM	01918 - YBMN
		11:00-11:50	Z01-0003	L	30		
	TUE	12:00-12:50 13:00-13:50	FSK14 FSK14	B B	30 30		



## Couse Synopsis :



**Campus :** GAMBANG  
**Level :** DEGREE  
**Course Code :** BCU1023  
**Course Name :** PROGRAMMING TECHNIQUES  
**Pre-Requisite :** BCU1013,  
**Remarks :** NO

Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01G	THU	10:00-10:50	FSK14	B	35	Y 27/06/2024 - AM	01918 - YBMN
		11:00-11:50	FSK14	B	35		
	WED	10:00-10:50 11:00-11:50	Z01-0003 Z01-0003	L L	35 35		
02G	THU	14:00-14:50	FSK14	B	35	Y 27/06/2024 - AM	01918 - YBMN
		15:00-15:50	FSK14	B	35		
	WED	10:00-10:50 11:00-11:50	Z01-0003 Z01-0003	L L	35 35		



## Couse Synopsis :

# COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN  
Level : DEGREE  
Course Code : BCI1023  
Course Name : PROGRAMMING TECHNIQUES  
Pre-Requisite : BCI1143,  
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	10:00-10:50 11:00-11:50	BZ-02-100 BZ-02-100	L L	30 30	Y	01657 - ZBM
01A	MON	10:00-10:50 11:00-11:50	BZ-03-083 BZ-03-083	B B	30 30	Y	01657 - ZBM
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	10:00-10:50 11:00-11:50	BZ-02-096 BZ-02-096	L L	60 60	Y 27/06/2024 - AM	01746 - MABI
01A	FRI	10:00-10:50 11:00-11:50	BZ-03-083 BZ-03-083	B B	30 30	Y 27/06/2024 - AM	01746 - MABI
01B	FRI	08:00-08:50 09:00-09:50	BZ-03-083 BZ-03-083	B B	30 30	Y 27/06/2024 - AM	01746 - MABI
02	TUE	10:00-10:50 11:00-11:50	BZ-02-096 BZ-02-096	L L	60 60	Y 27/06/2024 - AM	01746 - MABI
02A	MON	16:00-16:50 17:00-17:50	BZ-03-083 BZ-03-083	B B	30 30	Y 27/06/2024 - AM	01746 - MABI
02B	MON	14:00-14:50 15:00-15:50	BZ-03-083 BZ-03-083	B B	30 30	Y 27/06/2024 - AM	01746 - MABI
03	FRI	10:00-10:50 11:00-11:50	BZ-01-121 BZ-01-121	L L	60 60	Y 27/06/2024 - AM	01469 - LSC
03A	MON	10:00-10:50 11:00-11:50	BZ-03-083 BZ-03-083	B B	30 30	Y 27/06/2024 - AM	01469 - LSC
03B	TUE	12:00-12:50 13:00-13:50	BZ-03-083 BZ-03-083	B B	30 30	Y 27/06/2024 - AM	01469 - LSC
04	MON	16:00-16:50 17:00-17:50	BZ-02-100 BZ-02-100	L L	60 60	Y 27/06/2024 - AM	01469 - LSC
04A	TUE	10:00-10:50 11:00-11:50	BZ-03-083 BZ-03-083	B B	30 30	Y 27/06/2024 - AM	01469 - LSC
04B	THU	12:00-12:50 13:00-13:50	BZ-03-083 BZ-03-083	B B	30 30	Y 27/06/2024 - AM	01469 - LSC



## Couse Synopsis :

This course discusses on understanding problems and translating them into computer solution techniques using programming language. This course enables students to apply programming techniques, write programming codes from given problems and execute programming codes successfully.