



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.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCI1143
Course Name : PROBLEM SOLVING
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	08:00-08:50 09:00-09:50	BZ-02-096 BZ-02-096	L L	62 62	Y 25/01/2024 - AM	S1287 - NAFBZ
01A	WED	08:00-08:50 09:00-09:50	BZ-03-083 BZ-03-083	B B	31 31	Y 25/01/2024 - AM	S1287 - NAFBZ
01B	WED	10:00-10:50 11:00-11:50	BZ-03-083 BZ-03-083	B B	31 31	Y 25/01/2024 - AM	S1287 - NAFBZ
02	TUE	10:00-10:50 11:00-11:50	BZ-02-105 BZ-02-105	L L	62 62	Y 25/01/2024 - AM	01866 - SBM@A
02A	THU	08:00-08:50 09:00-09:50	BZ-03-083 BZ-03-083	B B	31 31	Y 25/01/2024 - AM	01866 - SBM@A
02B	THU	10:00-10:50 11:00-11:50	BZ-03-083 BZ-03-083	B B	31 31	Y 25/01/2024 - AM	01866 - SBM@A
03	TUE	14:00-14:50 15:00-15:50	BZ-02-105 BZ-02-105	L L	62 62	Y 25/01/2024 - AM	01866 - SBM@A
03A	THU	14:00-14:50 15:00-15:50	BZ-03-083 BZ-03-083	B B	31 31	Y 25/01/2024 - AM	01866 - SBM@A
03B	THU	16:00-16:50 17:00-17:50	BZ-03-083 BZ-03-083	B B	31 31	Y 25/01/2024 - AM	01866 - SBM@A
04	THU	08:00-08:50 09:00-09:50	BZ-01-121 BZ-01-121	L L	62 62	Y 25/01/2024 - AM	01657 - ZBM
04A	TUE	08:00-08:50 09:00-09:50	BZ-03-083 BZ-03-083	B B	31 31	Y 25/01/2024 - AM	01657 - ZBM
04B	TUE	10:00-10:50 11:00-11:50	BZ-03-083 BZ-03-083	B B	31 31	Y 25/01/2024 - AM	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-01-124 BZ-01-124	L L	30 30	Y 27/06/2024 - AM	0550 - ABR
01A	FRI	10:00-10:50 11:00-11:50	BZ-01-100 BZ-01-100	B B	30 30	Y 27/06/2024 - AM	0550 - ABR

Course Synopsis :

This course expose to the students with the appropriate computing methods in solving problem through programming approach, which consists of programming design, algorithm, pseudo code, flow chart and logic structure.

Campus : PEKAN
Level : DEGREE
Course Code : BCM2023
Course Name : FUNDAMENTAL OF DIGITAL MEDIA DESIGN
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	08:00-08:50 09:00-09:50	BZ-01-124 BZ-01-124	L L	60 60	N	01178 - SNBI
01A	MON	10:00-10:50 11:00-11:50	BZ-02-050 BZ-02-050	B B	30 30	N	01178 - SNBI
01B	THU	12:00-12:50 13:00-13:50	BZ-02-050 BZ-02-050	B B	30 30	N	01178 - SNBI

Course Synopsis :

This course will provides students the foundations of media design using media software. Students will capture digital media and learn to manipulate them to create dynamic designs. Project-based curriculum will apply design elements and principles. This course will also expose students to the theoretical and fundamental concepts of multimedia, its applications and the techniques involved. Topics to be covered include five elements of multimedia such as text and audio, animation, image and video and the art of multimedia

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCN1043
Course Name : COMPUTER ARCHITECTURE & ORGANIZATION
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	10:00-10:50 11:00-11:50	BZ-02-104 BZ-02-104	L L	90 90	Y 26/01/2024 - AM	01993 - ABAR
01A	THU	08:00-08:50 09:00-09:50	BZ-02-062 BZ-02-062	B B	30 30	Y 26/01/2024 - AM	01993 - ABAR
01B	THU	10:00-10:50 11:00-11:50	BZ-02-062 BZ-02-062	B B	30 30	Y 26/01/2024 - AM	01993 - ABAR
01C	FRI	10:00-10:50 11:00-11:50	BZ-02-062 BZ-02-062	B B	30 30	Y 26/01/2024 - AM	01993 - ABAR
02	TUE	14:00-14:50 15:00-15:50	BZ-02-106 BZ-02-106	L L	60 60	Y 26/01/2024 - AM	01852 - NSNBI
02A	THU	14:00-14:50 15:00-15:50	BZ-02-062 BZ-02-062	B B	30 30	Y 26/01/2024 - AM	01852 - NSNBI
02B	THU	16:00-16:50 17:00-17:50	BZ-02-062 BZ-02-062	B B	30 30	Y 26/01/2024 - AM	01852 - NSNBI
03	WED	12:00-12:50 13:00-13:50	BZ-02-106 BZ-02-106	L L	60 60	Y 26/01/2024 - AM	01852 - NSNBI
03A	MON	12:00-12:50 13:00-13:50	BZ-02-062 BZ-02-062	B B	30 30	Y 26/01/2024 - AM	01852 - NSNBI
03B	MON	14:00-14:50 15:00-15:50	BZ-02-062 BZ-02-062	B B	30 30	Y 26/01/2024 - AM	01852 - NSNBI



Couse Synopsis :

This course discusses the component, structure and function of a computer. It exposes student with the architecture and organization of a computer. This subject covers on the numbering system and the representation of data, the internal and external computer communication through system buses and Input and Output, computer storage, internal architecture of Central Processing Unit, Logic Gates and Boolean Algebra. Assembly languages are exposed to students for better understanding of the computer structure and component as a whole.



Campus : PEKAN
Level : DEGREE
Course Code : BCN1063
Course Name : STRUCTURED NETWORKS CABLING
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	12:00-12:50 13:00-13:50	BZ-02-065 BZ-02-065	L L	33 33	N	01194 - ZBD
01A	WED	12:00-12:50 13:00-13:50	BZ-02-065 BZ-02-065	B B	33 33	N	01194 - ZBD
02	TUE	12:00-12:50 13:00-13:50	BZ-02-065 BZ-02-065	L L	33 33	N	01194 - ZBD
02A	THU	12:00-12:50 13:00-13:50	BZ-02-065 BZ-02-065	B B	33 33	N	01194 - ZBD
03	TUE	08:00-08:50 09:00-09:50	BZ-02-065 BZ-02-065	L L	33 33	N	01194 - ZBD
03A	THU	08:00-08:50 09:00-09:50	BZ-02-065 BZ-02-065	B B	33 33	N	01194 - ZBD



Couse Synopsis :

This course introduces structured cabling for Local Area Network (LAN). Students are exposed to the fundamental of computer network, network topology, network devices and cabling tools, Copper cabling, Fiber Optic cabling, Simple LAN Device Installation, Wide Area Network Connection and network troubleshooting and documentation.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCN2053
Course Name : OPERATING SYSTEMS
Pre-Requisite : NO
Remarks : NO

Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	08:00-08:50 09:00-09:50	BZ-01-121 BZ-01-121	L L	30 30	Y 02/07/2024 - AM	01982 - ZBI
01B	TUE	16:00-16:50 17:00-17:50	BZ-04-063 BZ-04-063	B B	30 30	Y 02/07/2024 - AM	01982 - ZBI
02	THU	08:00-08:50 09:00-09:50	BZ-01-121 BZ-01-121	L L	60 60	Y 02/07/2024 - AM	TBA0001 - ES(
02A	THU	14:00-14:50 15:00-15:50	BZ-04-063 BZ-04-063	B B	30 30	Y 02/07/2024 - AM	TBA0001 - ES(
02B	THU	16:00-16:50 17:00-17:50	BZ-04-063 BZ-04-063	B B	30 30	Y 02/07/2024 - AM	TBA0001 - ES(
03	MON	14:00-14:50 15:00-15:50	BZ-02-106 BZ-02-106	L L	60 60	Y 02/07/2024 - AM	01982 - ZBI
03A	TUE	08:00-08:50 09:00-09:50	BZ-04-063 BZ-04-063	B B	30 30	Y 02/07/2024 - AM	TBA0001 - ES(
03B	TUE	10:00-10:50 11:00-11:50	BZ-04-063 BZ-04-063	B B	30 30	Y 02/07/2024 - AM	TBA0001 - ES(
04	WED	08:00-08:50 09:00-09:50	BZ-01-121 BZ-01-121	L L	30 30	Y 02/07/2024 - AM	01982 - ZBI
04A	TUE	14:00-14:50 15:00-15:50	BZ-04-063 BZ-04-063	B B	30 30	Y 02/07/2024 - AM	01982 - ZBI

Couse Synopsis :

This subject introduces the various data and control structures necessary for the design and implementation of modern computer operating systems. Memory, Processor, File, Device and Network Management are explored as the basic of all Operating Systems.

Campus : PEKAN
Level : DEGREE
Course Code : BCS1033
Course Name : SOFTWARE ENGINEERING
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	10:00-10:50 11:00-11:50	BZ-02-105 BZ-02-105	L L	120 120	Y 29/01/2024 - AM	0549 - FBZ
01A	MON	10:00-10:50 11:00-11:50	BZ-01-092 BZ-01-092	T T	30 30	Y 29/01/2024 - AM	0549 - FBZ
01B	MON	08:00-08:50 09:00-09:50	BZ-01-092 BZ-01-092	T T	30 30	Y 29/01/2024 - AM	0549 - FBZ
01C	WED	08:00-08:50 09:00-09:50	BZ-01-092 BZ-01-092	T T	30 30	Y 29/01/2024 - AM	0549 - FBZ
01D	TUE	08:00-08:50 09:00-09:50	BZ-01-092 BZ-01-092	T T	30 30	Y 29/01/2024 - AM	0549 - FBZ
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	10:00-10:50 11:00-11:50	BZ-02-105 BZ-02-105	L L	90 90	Y 03/07/2024 - AM	0549 - FBZ
01A	TUE	16:00-16:50 17:00-17:50	BZ-01-092 BZ-01-092	T T	30 30	Y 03/07/2024 - AM	0549 - FBZ
01B	TUE	14:00-14:50 15:00-15:50	BZ-01-092 BZ-01-092	T T	30 30	Y 03/07/2024 - AM	0549 - FBZ
01C	THU	14:00-14:50 15:00-15:50	BZ-01-092 BZ-01-092	T T	30 30	Y 03/07/2024 - AM	0549 - FBZ

Couse Synopsis :

This course presents an introduction to software engineering concepts including: software engineering paradigms, requirements specification, design, software verification and validation, software evolution and reliability.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCS1133
Course Name : SYSTEMS ANALYSIS & DESIGN
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	14:00-14:50 15:00-15:50	BZ-01-124 BZ-01-124	L L	50 50	Y 30/01/2024 - PM	01980 - NHBI
01A	TUE	08:00-08:50 09:00-09:50	BZ-02-090 BZ-02-090	B B	20 20	Y 30/01/2024 - PM	01980 - NHBI
01B	TUE	10:00-10:50 11:00-11:50	BZ-03-076 BZ-03-076	B B	30 30	Y 30/01/2024 - PM	01980 - NHBI
02	THU	14:00-14:50 15:00-15:50	BZ-01-124 BZ-01-124	L L	40 40	Y 30/01/2024 - PM	0044 - RBAB
02A	THU	08:00-08:50 09:00-09:50	BZ-02-090 BZ-02-090	B B	14 14	Y 30/01/2024 - PM	01980 - NHBI
02B	THU	10:00-10:50 11:00-11:50	BZ-02-090 BZ-02-090	B B	26 26	Y 30/01/2024 - PM	01980 - NHBI
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	10:00-10:50 11:00-11:50	BZ-02-100 BZ-02-100	L L	60 60	Y 26/06/2024 - PM	0043 - MBAM
01A	THU	14:00-14:50 15:00-15:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - PM	0043 - MBAM
01B	THU	16:00-16:50 17:00-17:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - PM	0043 - MBAM
02	FRI	08:00-08:50 09:00-09:50	BZ-02-100 BZ-02-100	L L	60 60	Y 26/06/2024 - PM	01443 - MIBUO
02A	MON	08:00-08:50 09:00-09:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - PM	01443 - MIBUO
02B	MON	10:00-10:50 11:00-11:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - PM	01443 - MIBUO
03	MON	14:00-14:50 15:00-15:50	BZ-02-100 BZ-02-100	L L	60 60	Y 26/06/2024 - PM	0043 - MBAM
03A	TUE	08:00-08:50 09:00-09:50	BZ-04-068 BZ-04-068	B B	30 30	Y 26/06/2024 - PM	TBA0001 - ES(
03B	TUE	10:00-10:50 11:00-11:50	BZ-04-068 BZ-04-068	B B	30 30	Y 26/06/2024 - PM	TBA0001 - ES(
04	TUE	14:00-14:50 15:00-15:50	BZ-02-100 BZ-02-100	L L	60 60	Y 26/06/2024 - PM	01980 - NHBI
04A	WED	08:00-08:50 09:00-09:50	BZ-04-068 BZ-04-068	B B	30 30	Y 26/06/2024 - PM	01980 - NHBI
04B	WED	10:00-10:50 11:00-11:50	BZ-04-068 BZ-04-068	B B	30 30	Y 26/06/2024 - PM	0043 - MBAM



Couse Synopsis :

This course describes the concepts and methods of information system analysis and design, with an emphasis on system analysis methods and tools. The course focuses on the issues and management technique involved in analysis, design and implementation of information system

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
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
01	MON	16:00-16:50 17:00-17:50	BZ-01-121 BZ-01-121	L L	60 60	Y 30/01/2024 - AM	01805 - NABS
01A	TUE	10:00-10:50 11:00-11:50	BZ-03-089 BZ-03-089	B B	30 30	Y 30/01/2024 - AM	01805 - NABS
01B	THU	12:00-12:50 13:00-13:50	BZ-03-089 BZ-03-089	B B	30 30	Y 30/01/2024 - AM	01805 - NABS
02	MON	16:00-16:50 17:00-17:50	BZ-01-121 BZ-01-121	L L	30 30	Y 30/01/2024 - AM	01805 - NABS
02A	THU	10:00-10:50 11:00-11:50	BZ-03-089 BZ-03-089	B B	30 30	Y 30/01/2024 - AM	01805 - NABS

Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	16:00-16:50 17:00-17:50	BZ-01-124 BZ-01-124	L L	60 60	Y 01/07/2024 - AM	0120 - NBA
01A	TUE	10:00-10:50 11:00-11:50	BZ-03-089 BZ-03-089	B B	30 30	Y 01/07/2024 - AM	0120 - NBA
01B	THU	12:00-12:50 13:00-13:50	BZ-03-089 BZ-03-089	B B	30 30	Y 01/07/2024 - AM	0120 - NBA
02	THU	16:00-16:50 17:00-17:50	BZ-01-124 BZ-01-124	L L	60 60	Y 01/07/2024 - AM	01805 - NABS
02A	THU	10:00-10:50 11:00-11:50	BZ-03-089 BZ-03-089	B B	30 30	Y 01/07/2024 - AM	01805 - NABS
02B	MON	12:00-12:50 13:00-13:50	BZ-03-089 BZ-03-089	B B	30 30	Y 01/07/2024 - AM	01805 - NABS
03	WED	08:00-08:50 09:00-09:50	BZ-01-124 BZ-01-124	L L	60 60	Y 01/07/2024 - AM	0120 - NBA
03A	TUE	14:00-14:50 15:00-15:50	BZ-03-089 BZ-03-089	B B	30 30	Y 01/07/2024 - AM	0120 - NBA
03B	TUE	16:00-16:50 17:00-17:50	BZ-03-089 BZ-03-089	B B	21 21	Y 01/07/2024 - AM	0120 - NBA



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 emphasised 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 : PEKAN
Level : DEGREE
Course Code : BCM2053
Course Name : COMPUTER GRAPHICS
Pre-Requisite : BCI1023,
Remarks : ELECTIVE FOR BCN & BCS. PROGRAMME
CORE FOR BCG

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	10:00-10:50 11:00-11:50	BZ-02-105 BZ-02-105	L L	75 75	Y 29/01/2024 - PM	01444 - ASBL
01A	MON	10:00-10:50 11:00-11:50	BZ-02-049 BZ-02-049	B B	30 30	Y 29/01/2024 - PM	0374 - SBA
01B	TUE	12:00-12:50 13:00-13:50	BZ-02-049 BZ-02-049	B B	30 30	Y 29/01/2024 - PM	0374 - SBA
01C	WED	10:00-10:50 11:00-11:50	BZ-02-049 BZ-02-049	B B	15 15	Y 29/01/2024 - PM	0881 - BBY

Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	10:00-10:50 11:00-11:50	BZ-02-105 BZ-02-105	L L	75 75	Y 28/06/2024 - PM	0374 - SBA
01A	MON	10:00-10:50 11:00-11:50	BZ-01-066 BZ-01-066	B B	25 25	Y 28/06/2024 - PM	0374 - SBA
01B	TUE	12:00-12:50 13:00-13:50	BZ-01-066 BZ-01-066	B B	25 25	Y 28/06/2024 - PM	0374 - SBA
01C	WED	12:00-12:50 13:00-13:50	BZ-01-066 BZ-01-066	B B	25 25	Y 28/06/2024 - PM	0374 - SBA



Couse Synopsis :

This course is designed to expose the student to the concept of digital graphic technology. This includes understanding and designing aspects by using a computer graphics application. The student will be exposed to the skill of using a computer graphics application. Through this course, the students will expose to explore on the latest graphics design context which will focus on the 'graphic thinking and 'creative design process.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCN1053
Course Name : DATA COMMUNICATION & NETWORKING
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	10:00-10:50 11:00-11:50	BZ-02-106 BZ-02-106	L L	30 30	Y 30/01/2024 - PM	0059 - MRBR
01A	WED	10:00-10:50 11:00-11:50	BZ-02-059 BZ-02-059	B B	30 30	Y 30/01/2024 - PM	0059 - MRBR
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	10:00-10:50 11:00-11:50	BZ-02-096 BZ-02-096	L L	60 60	Y 28/06/2024 - AM	01679 - SFBK
01A	TUE	16:00-16:50 17:00-17:50	BZ-02-059 BZ-02-059	B B	30 30	Y 28/06/2024 - AM	01679 - SFBK
01B	TUE	14:00-14:50 15:00-15:50	BZ-02-059 BZ-02-059	B B	30 30	Y 28/06/2024 - AM	01679 - SFBK
02	MON	14:00-14:50 15:00-15:50	BZ-02-096 BZ-02-096	L L	60 60	Y 28/06/2024 - AM	01990 - HWS
02A	TUE	08:00-08:50 09:00-09:50	BZ-02-059 BZ-02-059	B B	30 30	Y 28/06/2024 - AM	0882 - RNBR
02B	TUE	10:00-10:50 11:00-11:50	BZ-02-059 BZ-02-059	B B	30 30	Y 28/06/2024 - AM	0882 - RNBR

Couse Synopsis :

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. It uses the OSI and TCP layered models to examine the nature and roles of protocols and services at the application, network, data link, and physical layers. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum.

Campus : PEKAN
Level : DEGREE
Course Code : BCN2083
Course Name : COMPUTER NETWORKS
Pre-Requisite : BCN2193,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	12:00-12:50	BZ-02-106	L	30	Y 31/01/2024 - AM	0059 - MRBR
	THU	13:00-13:50	BZ-01-079	L	30		
01A	THU	14:00-14:50 15:00-15:50	BZ-01-079 BZ-01-079	B B	30 30	Y 31/01/2024 - AM	0059 - MRBR
02	MON	12:00-12:50	BZ-02-106	L	30	Y 31/01/2024 - AM	0059 - MRBR
	THU	08:00-08:50	BZ-01-079	L	30		
02A	THU	09:00-09:50 10:00-10:50	BZ-01-079 BZ-01-079	B B	30 30	Y 31/01/2024 - AM	0059 - MRBR
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	12:00-12:50	BZ-02-105	L	60	Y 02/07/2024 - PM	0059 - MRBR
01A	THU	14:00-14:50 15:00-15:50 16:00-16:50	BZ-02-059 BZ-02-059 BZ-02-059	B B B	30 30 30	Y 02/07/2024 - PM	0059 - MRBR
01B	THU	08:00-08:50 09:00-09:50 10:00-10:50	BZ-02-059 BZ-02-059 BZ-02-059	B B B	30 30 30	Y 02/07/2024 - PM	0059 - MRBR

Couse Synopsis :

"The primary focus of this course is on LAN redundancy and dynamic routing. This course focuses on switching and routing protocols and concepts used to improve redundancy, propagate information, and secure the portion of the network where most users access network services.

Switching technologies are relatively straightforward to implement; however, as with routing, the underlying protocols and algorithms are often quite complicated. This course will go to great lengths to explain the underlying processes of the common Layer 2 and layer 3 technologies.

Each concept will be introduced within the context of a single topology for each chapter.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN

Level : DEGREE

Course Code : BCN2193

Course Name : NETWORK TECHNOLOGIES

Pre-Requisite : BCN1053,

Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	08:00-08:50 14:00-14:50	BZ-02-059 BZ-02-100	L L	30 30	Y 06/02/2024 - PM	0882 - RNBR
01A	THU	09:00-09:50 10:00-10:50	BZ-02-059 BZ-02-059	B B	30 30	Y 06/02/2024 - PM	0882 - RNBR
03	THU	15:00-15:50	BZ-02-100	L	30	Y 06/02/2024 - PM	0882 - RNBR
	WED	12:00-12:50	BZ-01-079	L	30		
03A	WED	13:00-13:50 14:00-14:50	BZ-01-079 BZ-01-079	B B	30 30	Y 06/02/2024 - PM	0882 - RNBR
04	MON	12:00-12:50	BZ-01-079	L	30	Y 06/02/2024 - PM	0882 - RNBR
	THU	15:00-15:50	BZ-02-100	L	30		
04A	MON	13:00-13:50 14:00-14:50	BZ-01-079 BZ-01-079	B B	30 30	Y 06/02/2024 - PM	0882 - RNBR
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	12:00-12:50	BZ-02-100	L	30	Y 28/06/2024 - PM	0882 - RNBR
01A	THU	12:00-12:50 13:00-13:50 14:00-14:50	BZ-01-079 BZ-01-079 BZ-01-079	B B B	30 30 30	Y 28/06/2024 - PM	0882 - RNBR



Couse Synopsis :

This course describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, virtual LANs, and inter-VLAN routing, Switch Security, DHCP, Access Control List and Device management and maintenance, in both IPv4 and IPv6 networks.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCS2143
Course Name : OBJECT ORIENTED PROGRAMMING
Pre-Requisite : BCI1023, BCS1133
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	10:00-10:50 11:00-11:50	BZ-02-096 BZ-02-096	L L	60 60	Y 26/01/2024 - PM	01195 - MHBMH
01A	THU	16:00-16:50 17:00-17:50	BZ-03-093 BZ-03-093	B B	30 30	Y 26/01/2024 - PM	01195 - MHBMH
01B	THU	14:00-14:50 15:00-15:50	BZ-03-093 BZ-03-093	B B	30 30	Y 26/01/2024 - PM	01195 - MHBMH
03	MON	14:00-14:50 15:00-15:50	BZ-02-096 BZ-02-096	L L	60 60	Y 26/01/2024 - PM	01195 - MHBMH
03A	TUE	08:00-08:50 09:00-09:50	BZ-04-068 BZ-04-068	B B	30 30	Y 26/01/2024 - PM	01195 - MHBMH
03B	TUE	10:00-10:50 11:00-11:50	BZ-03-093 BZ-03-093	B B	30 30	Y 26/01/2024 - PM	0867 - KBAR
04	THU	14:00-14:50 15:00-15:50	BZ-02-096 BZ-02-096	L L	60 60	Y 26/01/2024 - PM	0867 - KBAR
04A	THU	08:00-08:50 09:00-09:50	BZ-04-068 BZ-04-068	B B	30 30	Y 26/01/2024 - PM	0867 - KBAR
04B	THU	10:00-10:50 11:00-11:50	BZ-03-093 BZ-03-093	B B	30 30	Y 26/01/2024 - PM	0867 - KBAR
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	14:00-14:50 15:00-15:50	BZ-01-124 BZ-01-124	L L	60 60	Y 27/06/2024 - PM	02016 - AMBJ
01A	TUE	08:00-08:50 09:00-09:50	BZ-03-093 BZ-03-093	B B	30 30	Y 27/06/2024 - PM	02016 - AMBJ
01B	TUE	10:00-10:50 11:00-11:50	BZ-03-093 BZ-03-093	B B	30 30	Y 27/06/2024 - PM	02016 - AMBJ
02	THU	14:00-14:50 15:00-15:50	BZ-01-124 BZ-01-124	L L	60 60	Y 27/06/2024 - PM	02016 - AMBJ
02A	THU	08:00-08:50 09:00-09:50	BZ-03-093 BZ-03-093	B B	30 30	Y 27/06/2024 - PM	FP0037 - SNBR
02B	THU	10:00-10:50 11:00-11:50	BZ-03-093 BZ-03-093	B B	30 30	Y 27/06/2024 - PM	FP0037 - SNBR
03	TUE	14:00-14:50 15:00-15:50	BZ-02-096 BZ-02-096	L L	60 60	Y 27/06/2024 - PM	FP0037 - SNBR
03A	WED	08:00-08:50 09:00-09:50	BZ-03-093 BZ-03-093	B B	30 30	Y 27/06/2024 - PM	FP0037 - SNBR
03B	TUE	16:00-16:50 17:00-17:50	BZ-03-093 BZ-03-093	B B	30 30	Y 27/06/2024 - PM	FP0037 - SNBR



Couse Synopsis :

This course provides an introduction to the concepts of object orientation and object-oriented programming (OOP) techniques using any object-oriented programming language such as JAVA. It will emphasize on the use of OOP characteristic that expose students to Unified Modelling Language (UML) design, class and object, inheritance, polymorphism, exception handling and Graphical User Interface (GUI) and event driven programming.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN

Level : DEGREE

Course Code : BCS2213

Course Name : FORMAL METHOD

Pre-Requisite : BUM1213, BCS2233 BUM1233,

Remarks : ELECTIVE FOR BCN & BCG

Semester I Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	16:00-16:50 17:00-17:50	BZ-02-096 BZ-02-096	L L	60 60	Y 06/02/2024 - AM	0027 - ZBM
01A	TUE	10:00-10:50 11:00-11:50	BZ-04-068 BZ-04-068	B B	30 30	Y 06/02/2024 - AM	0027 - ZBM
01B	THU	12:00-12:50 13:00-13:50	BZ-04-068 BZ-04-068	B B	30 30	Y 06/02/2024 - AM	0027 - ZBM
02	TUE	16:00-16:50 17:00-17:50	BZ-02-096 BZ-02-096	L L	60 60	Y 06/02/2024 - AM	0027 - ZBM
02A	WED	10:00-10:50 11:00-11:50	BZ-04-068 BZ-04-068	B B	30 30	Y 06/02/2024 - AM	0027 - ZBM
02B	WED	12:00-12:50 13:00-13:50	BZ-04-068 BZ-04-068	B B	30 30	Y 06/02/2024 - AM	0027 - ZBM

Semester II Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	08:00-08:50 09:00-09:50	BZ-02-100 BZ-02-100	L L	60 60	Y 09/07/2024 - PM	0027 - ZBM
01A	MON	14:00-14:50 15:00-15:50	BZ-02-090 BZ-02-090	B B	30 30	Y 09/07/2024 - PM	0027 - ZBM
01B	MON	16:00-16:50 17:00-17:50	BZ-02-090 BZ-02-090	B B	30 30	Y 09/07/2024 - PM	0027 - ZBM

Couse Synopsis :

This course introduces Formal Methods, which can be used in developing software specifications. Formal Methods is the software specification technique that is used to ensure the software or system to be developed is being validated before it is developed. Therefore any bugs can be detected at early stage in order to reduce the cost of the development. Formal Methods will be introduced in formal notations using appropriate techniques, methods and tools.

Campus : PEKAN

Level : DEGREE

Course Code : BCS2233

Course Name : SOFTWARE REQUIREMENT WORKSHOP

Pre-Requisite : BCS1133,

Remarks : NO

Semester I Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	08:00-08:50 09:00-09:50	BZ-02-090 BZ-02-090	L L	30 30	N	0063 - ABA
01A	FRI	10:00-10:50 11:00-11:50	BZ-02-090 BZ-02-090	B B	30 30	N	0063 - ABA
02	MON	14:00-14:50 15:00-15:50	BZ-02-090 BZ-02-090	L L	30 30	N	01147 - KSBKI
02A	MON	16:00-16:50 17:00-17:50	BZ-02-090 BZ-02-090	B B	30 30	N	01147 - KSBKI
03	WED	08:00-08:50 09:00-09:50	BZ-02-090 BZ-02-090	L L	30 30	N	0063 - ABA
03A	WED	10:00-10:50 11:00-11:50	BZ-02-090 BZ-02-090	B B	30 30	N	0063 - ABA
04	MON	10:00-10:50 11:00-11:50	BZ-02-090 BZ-02-090	L L	30 30	N	0063 - ABA
04A	TUE	10:00-10:50 11:00-11:50	BZ-02-090 BZ-02-090	B B	30 30	N	01147 - KSBKI

Semester II Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	12:00-12:50 13:00-13:50	BZ-02-090 BZ-02-090	L L	30 30	N	0044 - RBAB
01A	TUE	08:00-08:50 09:00-09:50	BZ-02-090 BZ-02-090	B B	30 30	N	0044 - RBAB

Couse Synopsis :

This course exposes the student to software requirement stages. It will concentrate on discovering and eliciting requirements techniques, languages and models for representing requirements, requirement documentation standard, handling requirement changes and writing Software Requirement Specifications (SRS) customize from any standard.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCS2313
Course Name : ARTIFICIAL INTELLIGENCE
TECHNIQUES
Pre-Requisite : BCI1093, BUM1233
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	12:00-12:50 13:00-13:50	BZ-02-096 BZ-02-096	L L	60 60	Y 02/02/2024 - PM	0595 - ASBF
01A	THU	12:00-12:50 13:00-13:50	BZ-03-076 BZ-03-076	B B	30 30	Y 02/02/2024 - PM	01953 - NSBK
01B	THU	08:00-08:50 09:00-09:50	BZ-03-076 BZ-03-076	B B	30 30	Y 02/02/2024 - PM	01953 - NSBK
02	TUE	12:00-12:50 13:00-13:50	BZ-02-096 BZ-02-096	L L	60 60	Y 02/02/2024 - PM	01953 - NSBK
02A	WED	12:00-12:50 13:00-13:50	BZ-03-076 BZ-03-076	B B	29 29	Y 02/02/2024 - PM	01953 - NSBK
02B	WED	08:00-08:50 09:00-09:50	BZ-03-076 BZ-03-076	B B	25 25	Y 02/02/2024 - PM	01953 - NSBK
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	12:00-12:50 13:00-13:50	BZ-02-106 BZ-02-106	L L	60 60	Y 26/06/2024 - AM	01891 - AFBMR
01A	THU	12:00-12:50 13:00-13:50	BZ-04-068 BZ-04-068	B B	30 30	Y 26/06/2024 - AM	01891 - AFBMR
01B	THU	08:00-08:50 09:00-09:50	BZ-04-068 BZ-04-068	B B	30 30	Y 26/06/2024 - AM	01891 - AFBMR
02	TUE	12:00-12:50 13:00-13:50	BZ-02-106 BZ-02-106	L L	60 60	Y 26/06/2024 - AM	01953 - NSBK
02A	WED	12:00-12:50 13:00-13:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - AM	01953 - NSBK
02B	WED	08:00-08:50 09:00-09:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - AM	01953 - NSBK
03	MON	16:00-16:50 17:00-17:50	BZ-02-106 BZ-02-106	L L	60 60	Y 26/06/2024 - AM	0595 - ASBF
03A	TUE	10:00-10:50 11:00-11:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - AM	0595 - ASBF
03B	THU	12:00-12:50 13:00-13:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - AM	0595 - ASBF
04	TUE	16:00-16:50 17:00-17:50	BZ-02-106 BZ-02-106	L L	60 60	Y 26/06/2024 - AM	01195 - MHBMH
04A	WED	10:00-10:50 11:00-11:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - AM	01195 - MHBMH
04B	WED	12:00-12:50 13:00-13:50	BZ-04-068 BZ-04-068	B B	30 30	Y 26/06/2024 - AM	01195 - MHBMH
05	THU	16:00-16:50 17:00-17:50	BZ-02-106 BZ-02-106	L L	30 30	Y 26/06/2024 - AM	01195 - MHBMH
05A	THU	10:00-10:50 11:00-11:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - AM	01953 - NSBK



Couse Synopsis :

This course introduces student to the theory and practice of the Artificial Intelligence (AI). Student are expose to the main artificial intelligence topics including the fundamental issues, search strategies, knowledge representation and reasoning, advanced search, agents, machine learning and robotics. Practical examples of how artificial intelligence is applied to commercial, scientific and consumer applications will be covered.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN

Level : DEGREE

Course Code : BCS2343

Course Name : SOFTWARE DESIGN WORKSHOP

Pre-Requisite : BCS2233, BCS2143

Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	12:00-12:50 13:00-13:50	BZ-02-096 BZ-02-096	L L	30 30	N	01770 - ABMA
01A	TUE	12:00-12:50 13:00-13:50	BZ-02-090 BZ-02-090	B B	30 30	N	01770 - ABMA
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	08:00-08:50 09:00-09:50	BZ-04-068 BZ-04-068	L L	30 30	N	0063 - ABA
01A	FRI	10:00-10:50 11:00-11:50	BZ-04-068 BZ-04-068	B B	30 30	N	0063 - ABA
02	MON	14:00-14:50 15:00-15:50	BZ-04-068 BZ-04-068	L L	30 30	N	0025 - RBM
02A	MON	16:00-16:50 17:00-17:50	BZ-04-068 BZ-04-068	B B	30 30	N	0025 - RBM
03	TUE	14:00-14:50 15:00-15:50	BZ-02-090 BZ-02-090	L L	30 30	N	01147 - KSBKI
03A	TUE	16:00-16:50 17:00-17:50	BZ-02-090 BZ-02-090	B B	30 30	N	01147 - KSBKI
04	THU	14:00-14:50 15:00-15:50	BZ-02-090 BZ-02-090	L L	30 30	N	01147 - KSBKI
04A	THU	16:00-16:50 17:00-17:50	BZ-02-090 BZ-02-090	B B	30 30	N	01147 - KSBKI
05	MON	08:00-08:50 09:00-09:50	BZ-04-068 BZ-04-068	L L	30 30	N	0063 - ABA
05A	MON	10:00-10:50 11:00-11:50	BZ-04-068 BZ-04-068	B B	30 30	N	0063 - ABA



Couse Synopsis :

This course introduces the students how to develop software development documents ;Software Design Description (SDD) and their system development process. Continue from previous project/problems , students must produce Software Design Description document follow certains standards.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN

Level : DEGREE

Course Code : BCI2313

Course Name : ALGORITHM & COMPLEXITY

Pre-Requisite : BCS1023, BCI1093, BCI1023

Remarks : NO

Semester I 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 25/01/2024 - PM	0132 - MABM@H
01A	FRI	10:00-10:50 11:00-11:50	BZ-04-085 BZ-04-085	B B	30 30	Y 25/01/2024 - PM	0132 - MABM@H
01B	FRI	08:00-08:50 09:00-09:50	BZ-04-085 BZ-04-085	B B	30 30	Y 25/01/2024 - PM	0132 - MABM@H
02	TUE	10:00-10:50 11:00-11:50	BZ-02-096 BZ-02-096	L L	60 60	Y 25/01/2024 - PM	0132 - MABM@H
02A	MON	16:00-16:50 17:00-17:50	BZ-04-085 BZ-04-085	B B	30 30	Y 25/01/2024 - PM	0132 - MABM@H
02B	MON	14:00-14:50 15:00-15:50	BZ-01-100 BZ-01-100	B B	30 30	Y 25/01/2024 - PM	0132 - MABM@H
03	WED	10:00-10:50 11:00-11:50	BZ-02-096 BZ-02-096	L L	60 60	Y 25/01/2024 - PM	01802 - AFBAN
03A	TUE	16:00-16:50 17:00-17:50	BZ-04-085 BZ-04-085	B B	30 30	Y 25/01/2024 - PM	01802 - AFBAN
03B	TUE	14:00-14:50 15:00-15:50	BZ-02-086 BZ-02-086	B B	30 30	Y 25/01/2024 - PM	01802 - AFBAN
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-02-106 BZ-02-106	L L	60 60	Y 27/06/2024 - AM	0132 - MABM@H
01A	FRI	10:00-10:50 11:00-11:50	BZ-04-085 BZ-04-085	B B	30 30	Y 27/06/2024 - AM	0132 - MABM@H
01B	FRI	08:00-08:50 09:00-09:50	BZ-04-085 BZ-04-085	B B	30 30	Y 27/06/2024 - AM	0132 - MABM@H
02	TUE	10:00-10:50 11:00-11:50	BZ-02-106 BZ-02-106	L L	60 60	Y 27/06/2024 - AM	01802 - AFBAN
02A	MON	16:00-16:50 17:00-17:50	BZ-04-077 BZ-04-077	B B	30 30	Y 27/06/2024 - AM	01802 - AFBAN
02B	MON	14:00-14:50 15:00-15:50	BZ-04-077 BZ-04-077	B B	30 30	Y 27/06/2024 - AM	01802 - AFBAN
03	WED	10:00-10:50 11:00-11:50	BZ-02-106 BZ-02-106	L L	60 60	Y 27/06/2024 - AM	0132 - MABM@H
03A	TUE	16:00-16:50 17:00-17:50	BZ-04-077 BZ-04-077	B B	30 30	Y 27/06/2024 - AM	0132 - MABM@H
03B	TUE	14:00-14:50 15:00-15:50	BZ-04-077 BZ-04-077	B B	30 30	Y 27/06/2024 - AM	0132 - MABM@H



Couse Synopsis :

Algorithm design and analysis is a fundamental and important part of computer science. This course introduce students to advanced techniques for the design and analysis of algorithms and explores variety of applications.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCM3103
Course Name : VIRTUAL REALITY
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	08:00-08:50 09:00-09:50	BZ-02-105 BZ-02-105	L L	60 60	N	01862 - DNAEP
01A	TUE	14:00-14:50 15:00-15:50	BZ-03-051 BZ-03-051	B B	30 30	N	01862 - DNAEP
01B	TUE	16:00-16:50 17:00-17:50	BZ-03-051 BZ-03-051	B B	30 30	N	01862 - DNAEP
02	FRI	08:00-08:50 09:00-09:50	BZ-02-106 BZ-02-106	L L	30 30	N	01842 - NSABZ
02A	MON	08:00-08:50 09:00-09:50	BZ-03-051 BZ-03-051	B B	30 30	N	01842 - NSABZ
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	12:00-12:50 13:00-13:50	BZ-02-100 BZ-02-100	L L	60 60	N	01862 - DNAEP
01A	MON	12:00-12:50 13:00-13:50	BZ-03-051 BZ-03-051	B B	30 30	N	01862 - DNAEP
01B	MON	08:00-08:50 09:00-09:50	BZ-03-051 BZ-03-051	B B	30 30	N	01862 - DNAEP
02	WED	12:00-12:50 13:00-13:50	BZ-02-100 BZ-02-100	L L	30 30	N	01842 - NSABZ
02A	TUE	12:00-12:50 13:00-13:50	BZ-03-051 BZ-03-051	B B	30 30	N	01842 - NSABZ



Couse Synopsis :

This module introduces the concepts of virtual reality and enables the students to gain hands-on experience by developing their own virtual reality applications. The student will learn about the virtual reality architecture, devices, modeling, augmented reality and applications of virtual reality in various field

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCN2023
Course Name : DATA & NETWORK SECURITY
Pre-Requisite : BCN1053,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	08:00-08:50 09:00-09:50	BZ-01-121 BZ-01-121	L L	60 60	Y 30/01/2024 - AM	0161 - ABMS
01A	FRI	08:00-08:50 09:00-09:50	BZ-03-064 BZ-03-064	B B	30 30	Y 30/01/2024 - AM	0161 - ABMS
01B	FRI	10:00-10:50 11:00-11:50	BZ-03-064 BZ-03-064	B B	30 30	Y 30/01/2024 - AM	0161 - ABMS
02	TUE	08:00-08:50 09:00-09:50	BZ-01-124 BZ-01-124	L L	60 60	Y 30/01/2024 - AM	0161 - ABMS
02A	MON	14:00-14:50 15:00-15:50	BZ-03-064 BZ-03-064	B B	30 30	Y 30/01/2024 - AM	0161 - ABMS
02B	MON	16:00-16:50 17:00-17:50	BZ-03-064 BZ-03-064	B B	30 30	Y 30/01/2024 - AM	0161 - ABMS
03	FRI	08:00-08:50 09:00-09:50	BZ-01-124 BZ-01-124	L L	60 60	Y 30/01/2024 - AM	0153 - N@KBMN
03A	MON	08:00-08:50 09:00-09:50	BZ-03-064 BZ-03-064	B B	30 30	Y 30/01/2024 - AM	0153 - N@KBMN
03B	MON	10:00-10:50 11:00-11:50	BZ-03-064 BZ-03-064	B B	30 30	Y 30/01/2024 - AM	0161 - ABMS
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	08:00-08:50 09:00-09:50	BZ-02-096 BZ-02-096	L L	60 60	Y 28/06/2024 - AM	01309 - WNBWM
01A	FRI	08:00-08:50 09:00-09:50	BZ-03-064 BZ-03-064	B B	30 30	Y 28/06/2024 - AM	01309 - WNBWM
01B	FRI	10:00-10:50 11:00-11:50	BZ-03-064 BZ-03-064	B B	30 30	Y 28/06/2024 - AM	01309 - WNBWM
02	TUE	08:00-08:50 09:00-09:50	BZ-02-106 BZ-02-106	L L	60 60	Y 28/06/2024 - AM	01367 - SABMS
02A	MON	14:00-14:50 15:00-15:50	BZ-03-064 BZ-03-064	B B	30 30	Y 28/06/2024 - AM	01367 - SABMS
02B	MON	16:00-16:50 17:00-17:50	BZ-03-064 BZ-03-064	B B	30 30	Y 28/06/2024 - AM	01898 - SBIH
03	FRI	08:00-08:50 09:00-09:50	BZ-02-106 BZ-02-106	L L	30 30	Y 28/06/2024 - AM	01982 - ZBI
03B	MON	10:00-10:50 11:00-11:50	BZ-03-064 BZ-03-064	B B	30 30	Y 28/06/2024 - AM	01982 - ZBI



Course Synopsis :

The course introduces fundamental of data and network security. Course's chapters explain information security concepts, fundamentals, purposes, implementation and discussion in their respective areas related to data and network security. Topics include: foundational concepts in security, principles of secure design, threats and attacks, malware, cryptographic tools, network securing, and intrusion detection and prevention systems.



Campus : PEKAN
Level : DEGREE
Course Code : BCN2093
Course Name : NETWORK ANALYSIS & DESIGN
Pre-Requisite : BCN1053,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	10:00-10:50 11:00-11:50	BZ-02-101 BZ-02-101	L L	30 30	Y 30/01/2024 - PM	01367 - SABMS
01A	MON	10:00-10:50 11:00-11:50	BZ-04-056 BZ-04-056	B B	30 30	Y 30/01/2024 - PM	01367 - SABMS
02	TUE	10:00-10:50 11:00-11:50	BZ-02-101 BZ-02-101	L L	60 60	Y 30/01/2024 - PM	01367 - SABMS
02A	MON	16:00-16:50 17:00-17:50	BZ-04-056 BZ-04-056	B B	30 30	Y 30/01/2024 - PM	01367 - SABMS
02B	MON	14:00-14:50 15:00-15:50	BZ-04-056 BZ-04-056	B B	30 30	Y 30/01/2024 - PM	01367 - SABMS
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	10:00-10:50 11:00-11:50	BZ-02-096 BZ-02-096	L L	60 60	Y 05/07/2024 - PM	01367 - SABMS
01A	MON	10:00-10:50 11:00-11:50	BZ-04-056 BZ-04-056	B B	30 30	Y 05/07/2024 - PM	01367 - SABMS
01B	TUE	12:00-12:50 13:00-13:50	BZ-04-056 BZ-04-056	B B	30 30	Y 05/07/2024 - PM	01367 - SABMS



Course Synopsis :

This course focuses on analysis and design of enterprise networks that are reliable, secure and manageable. It includes top-down network design methodology to design networks that meet customers business and technical goals, analysis of business and technical requirements, examine traffic flow and Quality of Service (QoS) requirements, and production of RFP documentation with relevant procedure steps for case study/project to fulfil this subject requirement.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCN3023
Course Name : NETWORK MANAGEMENT
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	12:00-12:50 13:00-13:50	BZ-02-106 BZ-02-106	L L	60 60	Y 05/02/2024 - PM	01990 - HWS
01A	WED	12:00-12:50 13:00-13:50	BZ-03-069 BZ-03-069	B B	30 30	Y 05/02/2024 - PM	01990 - HWS
01B	WED	08:00-08:50 09:00-09:50	BZ-03-069 BZ-03-069	B B	30 30	Y 05/02/2024 - PM	01990 - HWS
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	10:00-10:50 11:00-11:50	BZ-02-106 BZ-02-106	L L	60 60	Y 28/06/2024 - PM	01919 - SBAB
01A	MON	10:00-10:50 11:00-11:50	BZ-02-059 BZ-02-059	B B	30 30	Y 28/06/2024 - PM	S1286 - MR
01B	TUE	12:00-12:50 13:00-13:50	BZ-02-059 BZ-02-059	B B	30 30	Y 28/06/2024 - PM	01919 - SBAB
02	MON	16:00-16:50 17:00-17:50	BZ-01-127 BZ-01-127	L L	60 60	Y 28/06/2024 - PM	01919 - SBAB
02A	TUE	10:00-10:50 11:00-11:50	BZ-04-056 BZ-04-056	B B	30 30	Y 28/06/2024 - PM	S1286 - MR
02B	THU	12:00-12:50 13:00-13:50	BZ-04-056 BZ-04-056	B B	30 30	Y 28/06/2024 - PM	01919 - SBAB

Couse Synopsis :

This course introduces the overview of network management to familiarize student with network management systems and the five areas of network management. Student will learn a practical means of designing or evaluating a network management system for particular networking environment. Student also equipped with the example of simple, complex and advanced tools for each category of network management so that they could determine that a particular functionality would be useful and might want to pursue its development.

Campus : PEKAN
Level : DEGREE
Course Code : BCN3033
Course Name : NETWORK PROGRAMMING
Pre-Requisite : BCI1023, BCN1053 BCS1023,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	12:00-12:50 13:00-13:50	BZ-01-121 BZ-01-121	L L	60 60	N	01868 - AFBZA
01A	TUE	12:00-12:50 13:00-13:50	BZ-02-059 BZ-02-059	B B	30 30	N	01868 - AFBZA
01B	TUE	08:00-08:50 09:00-09:50	BZ-04-056 BZ-04-056	B B	30 30	N	01868 - AFBZA
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	08:00-08:50 09:00-09:50	BZ-02-105 BZ-02-105	L L	30 30	N	01868 - AFBZA
01A	FRI	08:00-08:50 09:00-09:50	BZ-04-056 BZ-04-056	B B	30 30	N	01868 - AFBZA
02	TUE	08:00-08:50 09:00-09:50	BZ-02-105 BZ-02-105	L L	60 60	N	01868 - AFBZA
02A	MON	14:00-14:50 15:00-15:50	BZ-04-056 BZ-04-056	B B	30 30	N	01868 - AFBZA
02B	MON	16:00-16:50 17:00-17:50	BZ-04-056 BZ-04-056	B B	30 30	N	01868 - AFBZA

Couse Synopsis :

This course will introduce the basic principles of network programming, such as socket programming (client and server side), developing client-server application, and secure socket. It will provide students with an understanding of TCP/IP network programming. In particular, this course focuses on the understanding of network concepts, principles, and techniques in details and how to program them using a programming language.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCN3043
Course Name : NETWORK SERVICE ADMINISTRATION
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	10:00-10:50 11:00-11:50	BZ-02-096 BZ-02-096	L L	60 60	Y 31/01/2024 - PM	0153 - N@KBMN
01A	MON	10:00-10:50 11:00-11:50	BZ-03-069 BZ-03-069	B B	30 30	Y 31/01/2024 - PM	0153 - N@KBMN
01B	TUE	12:00-12:50 13:00-13:50	BZ-03-069 BZ-03-069	B B	30 30	Y 31/01/2024 - PM	0153 - N@KBMN
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	12:00-12:50 13:00-13:50	BZ-04-087 BZ-04-087	L L	30 30	Y 08/07/2024 - AM	0153 - N@KBMN
01A	WED	12:00-12:50 13:00-13:50	BZ-03-069 BZ-03-069	B B	30 30	Y 08/07/2024 - AM	0153 - N@KBMN
02	THU	12:00-12:50 13:00-13:50	BZ-04-087 BZ-04-087	L L	60 60	Y 08/07/2024 - AM	0153 - N@KBMN
02A	MON	12:00-12:50 13:00-13:50	BZ-03-069 BZ-03-069	B B	30 30	Y 08/07/2024 - AM	0153 - N@KBMN
02B	MON	08:00-08:50 09:00-09:50	BZ-03-069 BZ-03-069	B B	30 30	Y 08/07/2024 - AM	0153 - N@KBMN

Course Synopsis :

This course is designated to expose the student about Active Directory Technology Specialists including how to implement and configure secure network access and implement fault tolerant storage technologies, understand the network technologies, most commonly used and IP-enabled network, and how to secure servers and maintain update compliance.

Campus : PEKAN
Level : DEGREE
Course Code : BCN3063
Course Name : DISTRIBUTED & PARALLEL COMPUTING
Pre-Requisite : BCN1053, BCN2053
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	10:00-10:50 11:00-11:50	BZ-01-124 BZ-01-124	L L	60 60	Y 06/02/2024 - AM	01863 - WISBWD
01A	FRI	10:00-10:50 11:00-11:50	BZ-04-063 BZ-04-063	B B	30 30	Y 06/02/2024 - AM	01863 - WISBWD
01B	FRI	08:00-08:50 09:00-09:50	BZ-04-063 BZ-04-063	B B	30 30	Y 06/02/2024 - AM	01863 - WISBWD
02	TUE	10:00-10:50 11:00-11:50	BZ-01-124 BZ-01-124	L L	60 60	Y 06/02/2024 - AM	01863 - WISBWD
02A	MON	16:00-16:50 17:00-17:50	BZ-04-063 BZ-04-063	B B	30 30	Y 06/02/2024 - AM	01863 - WISBWD
02B	MON	14:00-14:50 15:00-15:50	BZ-04-063 BZ-04-063	B B	30 30	Y 06/02/2024 - AM	01863 - WISBWD
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-01-121 BZ-01-121	L L	60 60	Y 02/07/2024 - AM	01863 - WISBWD
01A	FRI	10:00-10:50 11:00-11:50	BZ-04-063 BZ-04-063	B B	30 30	Y 02/07/2024 - AM	01863 - WISBWD
01B	FRI	08:00-08:50 09:00-09:50	BZ-04-063 BZ-04-063	B B	30 30	Y 02/07/2024 - AM	01863 - WISBWD

Course Synopsis :

This course is intended to introduce and motivate the study of high performance computer systems and algorithms. The student will be presented with the foundational concepts pertaining to the different types and classes of high performance computers. The students shall learn advanced computer architectures, organisation, and design, and also the basics of parallel programming i.e., algorithm design and analysis. Software is no longer sequential. Many programs are now concurrent, parallel, distributed or mobile. This module explores technologies that enable, the design issues that concern, and the hierarchy of architectures that deliver, distributed and parallel systems.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCN3203
Course Name : WAN TECHNOLOGY
Pre-Requisite : BCN2083,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	14:00-14:50	BZ-02-106	L	30	Y 31/01/2024 - AM	0198 - SBN
	TUE	08:00-08:50	BZ-02-059	L	30		
01A	TUE	09:00-09:50	BZ-02-059	B	30	Y 31/01/2024 - AM	0198 - SBN
		10:00-10:50	BZ-02-059	B	30		
02	MON	14:00-14:50	BZ-02-106	L	30	Y 31/01/2024 - AM	0198 - SBN
	WED	08:00-08:50	BZ-01-079	L	30		
02A	WED	09:00-09:50	BZ-01-079	B	30	Y 31/01/2024 - AM	0198 - SBN
		10:00-10:50	BZ-01-079	B	30		
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	10:00-10:50	BZ-01-121	L	60	Y 03/07/2024 - PM	01863 - WISBWD
01A	TUE	14:00-14:50	BZ-01-079	B	30	Y 03/07/2024 - PM	01863 - WISBWD
		15:00-15:50	BZ-01-079	B	30		
		16:00-16:50	BZ-01-079	B	30		
01B	THU	15:00-15:50	BZ-01-079	B	30	Y 03/07/2024 - PM	01863 - WISBWD
		16:00-16:50	BZ-01-079	B	30		
		17:00-17:50	BZ-01-079	B	30		



Couse Synopsis :

This course discusses the WAN technologies and network services required by converged applications in a complex network. The course enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. Students learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Students also develop the knowledge and skills needed to implement IPSec and virtual private network (VPN) operations in a complex network



Campus : PEKAN
Level : DEGREE
Course Code : BCS2173
Course Name : HUMAN COMPUTER INTERACTION
Pre-Requisite : BCS1033, BCS1043,
Remarks : ELECTIVE FOR BCN ONLY

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	12:00-12:50 13:00-13:50	BZ-01-124 BZ-01-124	L L	50 50	Y 05/02/2024 - AM	01984 - SSSBAH
01A	THU	12:00-12:50 13:00-13:50	BZ-03-093 BZ-03-093	B B	30 30		
01B	THU	08:00-08:50 09:00-09:50	BZ-03-093 BZ-03-093	B B	20 20	Y 05/02/2024 - AM	01984 - SSSBAH
02	TUE	12:00-12:50 13:00-13:50	BZ-01-124 BZ-01-124	L L	60 60	Y 05/02/2024 - AM	01984 - SSSBAH
02A	WED	12:00-12:50 13:00-13:50	BZ-03-093 BZ-03-093	B B	30 30		
02B	WED	08:00-08:50 09:00-09:50	BZ-03-093 BZ-03-093	B B	30 30	Y 05/02/2024 - AM	01890 - NSBAR
03	WED	12:00-12:50 13:00-13:50	BZ-02-101 BZ-02-101	L L	41 41	Y 05/02/2024 - AM	01890 - NSBAR
03A	TUE	12:00-12:50 13:00-13:50	BZ-03-093 BZ-03-093	B B	27 27	Y 05/02/2024 - AM	01890 - NSBAR
03B	TUE	08:00-08:50 09:00-09:50	BZ-03-093 BZ-03-093	B B	11 11	Y 05/02/2024 - AM	01890 - NSBAR
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	12:00-12:50 13:00-13:50	BZ-01-124 BZ-01-124	L L	60 60	Y 09/07/2024 - AM	01984 - SSSBAH
01A	MON	12:00-12:50 13:00-13:50	BZ-03-093 BZ-03-093	B B	30 30	Y 09/07/2024 - AM	01984 - SSSBAH
01B	MON	08:00-08:50 09:00-09:50	BZ-03-093 BZ-03-093	B B	30 30	Y 09/07/2024 - AM	01984 - SSSBAH
02	WED	12:00-12:50 13:00-13:50	BZ-01-124 BZ-01-124	L L	30 30	Y 09/07/2024 - AM	0543 - RBMS
02B	TUE	08:00-08:50 09:00-09:50	BZ-01-092 BZ-01-092	B B	30 30	Y 09/07/2024 - AM	01984 - SSSBAH



Couse Synopsis :

This course provides an introduction to Human-Computer Interaction (HCI). HCI is concerned with understanding, designing, implementing and evaluating user-interfaces so that the students have better support users in carrying out their tasks. On completing this course, the students will have knowledge of the theoretical foundations of designing for interaction between humans and computers. They will also have practical experience in implementing and evaluating graphical user interfaces.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCS3233
Course Name : SOFTWARE TESTING
Pre-Requisite : BCS1133,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	08:00-08:50 09:00-09:50	BZ-02-106 BZ-02-106	L L	60 60	Y 29/01/2024 - PM	0044 - RBAB
01A	TUE	14:00-14:50 15:00-15:50	BZ-02-090 BZ-02-090	B B	30 30	Y 29/01/2024 - PM	0044 - RBAB
01B	TUE	16:00-16:50 17:00-17:50	BZ-02-090 BZ-02-090	B B	30 30	Y 29/01/2024 - PM	0044 - RBAB
02	THU	08:00-08:50 09:00-09:50	BZ-02-106 BZ-02-106	L L	60 60	Y 29/01/2024 - PM	01453 - ABZ
02A	THU	14:00-14:50 15:00-15:50	BZ-02-090 BZ-02-090	B B	30 30	Y 29/01/2024 - PM	01453 - ABZ
02B	THU	16:00-16:50 17:00-17:50	BZ-02-090 BZ-02-090	B B	30 30	Y 29/01/2024 - PM	01453 - ABZ
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	16:00-16:50 17:00-17:50	BZ-02-101 BZ-02-101	L L	60 60	Y 05/07/2024 - PM	01453 - ABZ
01A	WED	14:00-14:50 15:00-15:50	BZ-04-068 BZ-04-068	B B	30 30	Y 05/07/2024 - PM	01453 - ABZ
01B	MON	12:00-12:50 13:00-13:50	BZ-04-068 BZ-04-068	B B	30 30	Y 05/07/2024 - PM	01453 - ABZ

Couse Synopsis :

This course is designed to provide students with indepth knowlege on software testing and its test process. The course covers the basic principles of software testing and test activities that include the test plan, test design, monitoring, implementation and test closure. The student will also learn various categories of test design techniques and methods used in both black-box and white-box testing. At the end of this course, students should be able to recognize various types and levels of testing as well as categorizing and applying software testing process & techniques.

Campus : PEKAN
Level : DEGREE
Course Code : BCS3263
Course Name : SOFTWARE QUALITY ASSURANCE
Pre-Requisite : BCS3323, BCS3233,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	16:00-16:50 17:00-17:50	BZ-02-100 BZ-02-100	L L	60 60	N	0543 - RBMS
01A	TUE	10:00-10:50 11:00-11:50	BZ-01-092 BZ-01-092	B B	30 30	N	0543 - RBMS
01B	THU	12:00-12:50 13:00-13:50	BZ-01-092 BZ-01-092	B B	30 30	N	0543 - RBMS
02	MON	10:00-10:50 11:00-11:50	BZ-04-087 BZ-04-087	L L	60 60	N	0025 - RBM
02A	FRI	10:00-10:50 11:00-11:50	BZ-03-076 BZ-03-076	B B	30 30	N	0025 - RBM
02B	FRI	08:00-08:50 09:00-09:50	BZ-03-076 BZ-03-076	B B	30 30	N	0543 - RBMS
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	14:00-14:50 15:00-15:50	BZ-01-121 BZ-01-121	L L	60 60	N	0543 - RBMS
01A	WED	08:00-08:50 09:00-09:50	BZ-02-090 BZ-02-090	B B	30 30	N	0543 - RBMS
01B	WED	10:00-10:50 11:00-11:50	BZ-02-090 BZ-02-090	B B	30 30	N	0543 - RBMS

Couse Synopsis :

This course introduces students to the Software Quality Assurance (SQA) Processes, models, standards, metrics, and techniques for developing quality software, for assessing software quality, and for maintaining the quality of software. Students will be able to understand the relationship between software quality assurance and software engineering. It allows students to learn how to plan for the SQA process in early stage of software project and develop a complete SQA plan as a guideline for the team members who will work on the SQA process.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCI1033
Course Name : PROGRAMMING TECHNIQUES
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	08:00-08:50 09:00-09:50	BZ-02-100 BZ-02-100	L L	32 32	Y 25/01/2024 - PM	01746 - MABI
01A	MON	08:00-08:50 09:00-09:50	BZ-03-083 BZ-03-083	B B	32 32	Y 25/01/2024 - PM	01746 - MABI

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.

Campus : PEKAN
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
01	WED	10:00-10:50 11:00-11:50	BZ-01-124 BZ-01-124	L L	60 60	Y 25/01/2024 - AM	01801 - KAM
01A	TUE	16:00-16:50 17:00-17:50	BZ-04-077 BZ-04-077	B B	30 30	Y 25/01/2024 - AM	01801 - KAM
01B	TUE	14:00-14:50 15:00-15:50	BZ-04-077 BZ-04-077	B B	30 30	Y 25/01/2024 - AM	01801 - KAM
02	THU	10:00-10:50 11:00-11:50	BZ-01-121 BZ-01-121	L L	60 60	Y 25/01/2024 - AM	01801 - KAM
02A	THU	16:00-16:50 17:00-17:50	BZ-04-077 BZ-04-077	B B	30 30	Y 25/01/2024 - AM	01801 - KAM
02B	THU	14:00-14:50 15:00-15:50	BZ-04-077 BZ-04-077	B B	30 30	Y 25/01/2024 - AM	01801 - KAM
03	MON	08:00-08:50 09:00-09:50	BZ-02-104 BZ-02-104	L L	60 60	Y 25/01/2024 - AM	0145 - WMSBWH
03A	FRI	08:00-08:50 09:00-09:50	BZ-04-077 BZ-04-077	B B	30 30	Y 25/01/2024 - AM	0145 - WMSBWH
03B	FRI	10:00-10:50 11:00-11:50	BZ-04-077 BZ-04-077	B B	30 30	Y 25/01/2024 - AM	0145 - WMSBWH
04	TUE	08:00-08:50 09:00-09:50	BZ-02-104 BZ-02-104	L L	60 60	Y 25/01/2024 - AM	0145 - WMSBWH
04A	MON	14:00-14:50 15:00-15:50	BZ-04-077 BZ-04-077	B B	30 30	Y 25/01/2024 - AM	0145 - WMSBWH
04B	MON	16:00-16:50 17:00-17:50	BZ-04-077 BZ-04-077	B B	30 30	Y 25/01/2024 - AM	0145 - WMSBWH

Semester II Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	08:00-08:50 09:00-09:50	BZ-01-124 BZ-01-124	L L	60 60	Y 04/07/2024 - AM	0145 - WMSBWH
01A	FRI	08:00-08:50 09:00-09:50	BZ-04-077 BZ-04-077	B B	30 30	Y 04/07/2024 - AM	0145 - WMSBWH
01B	FRI	10:00-10:50 11:00-11:50	BZ-04-077 BZ-04-077	B B	30 30	Y 04/07/2024 - AM	0145 - WMSBWH
02	TUE	08:00-08:50 09:00-09:50	BZ-01-124 BZ-01-124	L L	30 30	Y 04/07/2024 - AM	0145 - WMSBWH
02A	MON	14:00-14:50 15:00-15:50	BZ-04-077 BZ-04-077	B B	30 30	Y 04/07/2024 - AM	0145 - WMSBWH

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 : PEKAN

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
08A	THU	11:00-11:50 12:00-12:50	E10-F06A E10-F06A	B B	30 30	N	02052 - NSBMN
08B	THU	11:00-11:50 12:00-12:50	E10-F06A E10-F06A	B B	30 30	N	02052 - NSBMN
08P	WED	08:00-08:50 09:00-09:50	E20BT1 E20BT1	L L	40 40	N	02052 - NSBMN
09A	WED	10:00-10:50 11:00-11:50	E10-F06A E10-F06A	B B	20 20	N	02052 - NSBMN
09B	WED	10:00-10:50 11:00-11:50	E10-F06A E10-F06A	B B	20 20	N	02052 - NSBMN
09P	MON	10:00-10:50 11:00-11:50	E22BK6 E22BK6	L L	40 40	N	02052 - NSBMN
10A	THU	10:00-10:50 11:00-11:50	BZ-02-080 BZ-02-080	B B	30 30	N	S1287 - NAFBZ
10B	THU	10:00-10:50 11:00-11:50	BZ-02-080 BZ-02-080	B B	30 30	N	S1287 - NAFBZ
10P	TUE	10:00-10:50 11:00-11:50	BZ-02-100 BZ-02-100	L L	60 60	N	S1287 - NAFBZ
11A	WED	16:00-16:50 17:00-17:50	BZ-01-100 BZ-01-100	B B	30 30	N	01802 - AFBAN
11B	WED	16:00-16:50 17:00-17:50	BZ-01-100 BZ-01-100	B B	30 30	N	01802 - AFBAN
11P	MON	16:00-16:50 17:00-17:50	BZ-01-124 BZ-01-124	L L	60 60	N	01802 - AFBAN

Semester II Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
10A	THU	12:00-12:50 13:00-13:50	E00-F01 E00-F01	B B	30 30	N	FP0039 - NIHBMF
10B	THU	12:00-12:50 13:00-13:50	E00-F01 E00-F01	B B	30 30	N	FP0039 - NIHBMF
10P	TUE	12:00-12:50 13:00-13:50	E00-F01 E00-F01	L L	0 0	N	FP0039 - NIHBMF
11A	WED	16:00-16:50 17:00-17:50	BZ-01-100 BZ-01-100	B B	30 30	N	FP0041 - ABI
11B	WED	16:00-16:50 17:00-17:50	BZ-01-100 BZ-01-100	B B	30 30	N	FP0041 - ABI
11P	MON	16:00-16:50 17:00-17:50	FKP-F-DK-01 FKP-F-DK-01	L L	60 60	N	FP0041 - ABI
14A	WED	14:00-14:50 15:00-15:50	BZ-03-083 BZ-03-083	B B	30 30	N	0027 - ZBM
14P	MON	14:00-14:50 15:00-15:50	BZ-01-107 BZ-01-107	L L	30 30	N	0053 - TABAK



Course 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 : PEKAN

Level : DEGREE

Course Code : BCI2323

Course Name : WEB DEVELOPMENT

Pre-Requisite : BCI1033, BCI2023

Remarks : NO

Semester I Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	10:00-10:50 11:00-11:50	BZ-01-124 BZ-01-124	L L	30 30	Y	2623 - MAK
01A	TUE	12:00-12:50 13:00-13:50	BZ-02-080 BZ-02-080	B B	30 30	Y	2623 - MAK



Course Synopsis :

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCI3283
Course Name : MOBILE APPLICATION DEVELOPMENT
Pre-Requisite : BCS2163, BCS2143,
Remarks : KURSUS ELEKTIF BAGI PROGRAM BCN & BCS

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-02-105 BZ-02-105	L L	90 90	N	01988 - NFBMR
01A	TUE	16:00-16:50 17:00-17:50	BZ-01-107 BZ-01-107	B B	30 30	N	01988 - NFBMR
01B	TUE	14:00-14:50 15:00-15:50	BZ-01-107 BZ-01-107	B B	30 30	N	2309 - FE
01C	THU	14:00-14:50 15:00-15:50	BZ-01-107 BZ-01-107	B B	30 30	N	2309 - FE
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	08:00-08:50 09:00-09:50	BZ-02-104 BZ-02-104	L L	90 90	N	01988 - NFBMR
01A	THU	16:00-16:50 17:00-17:50	BZ-01-107 BZ-01-107	B B	30 30	N	01988 - NFBMR
01B	THU	14:00-14:50 15:00-15:50	BZ-01-107 BZ-01-107	B B	30 30	N	01988 - NFBMR
01C	TUE	14:00-14:50 15:00-15:50	BZ-01-107 BZ-01-107	B B	30 30	N	01988 - NFBMR



Couse Synopsis :

This course is concerned with the development of applications on mobile and wireless computing platforms. It explores mobile application development aspects with emphasis on the relationship between theoretical and its practical application using cases and real examples of mobile applications. Emphasis is placed on the process, tools and frameworks required to develop applications for current and emerging mobile computing devices.



Campus : PEKAN
Level : DEGREE
Course Code : BCI3313
Course Name : IOT DATA INTEGRATION
Pre-Requisite : BCN3343, BCN3343
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	08:00-08:50	BZ-01-074	L	30	N	01933 - MIBMJ
		09:00-09:50	BZ-01-074	L	30		
		10:00-10:50	BZ-01-074	L	30		
		11:00-11:50	BZ-01-074	L	30		
		12:00-12:50	BZ-01-074	L	30		
		13:00-13:50	BZ-01-074	L	30		
		14:00-14:50	BZ-01-074	L	30		
		15:00-15:50	BZ-01-074	L	30		
		16:00-16:50	BZ-01-074	L	30		
		17:00-17:50	BZ-01-074	L	30		
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	08:00-08:50	BZ-01-074	L	30	N	01933 - MIBMJ
		09:00-09:50	BZ-01-074	L	30		
		10:00-10:50	BZ-01-074	L	30		
		11:00-11:50	BZ-01-074	L	30		
		12:00-12:50	BZ-01-074	L	30		
		13:00-13:50	BZ-01-074	L	30		
		14:00-14:50	BZ-01-074	L	30		
		15:00-15:50	BZ-01-074	L	30		
		16:00-16:50	BZ-01-074	L	30		
		17:00-17:50	BZ-01-074	L	30		



Couse Synopsis :

This module focus on the management and integration of real-time data from the sensors and microcontroller. Student will be introduced to several data protocols in IoT such as MQTT and HTTP. Additionally, student will experience to store IoT data in relational and no-SQL databases. Student will also learn on how to configure and visualize data on an industrial standard IoT Platform dashboard.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCI3323
Course Name : IOT APPLICATION DEVELOPMENT
Pre-Requisite : BCS2313, BCN3343
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	08:00-08:50	BZ-01-074	L	30	N	01923 - ABZ
		09:00-09:50	BZ-01-074	L	30		
		10:00-10:50	BZ-01-074	L	30		
		11:00-11:50	BZ-01-074	L	30		
		12:00-12:50	BZ-01-074	L	30		
		13:00-13:50	BZ-01-074	L	30		
		14:00-14:50	BZ-01-074	L	30		
		15:00-15:50	BZ-01-074	L	30		
		16:00-16:50	BZ-01-074	L	30		
		17:00-17:50	BZ-01-074	L	30		
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	08:00-08:50	BZ-01-074	L	30	N	01923 - ABZ
		09:00-09:50	BZ-01-074	L	30		
		10:00-10:50	BZ-01-074	L	30		
		11:00-11:50	BZ-01-074	L	30		
		12:00-12:50	BZ-01-074	L	30		
		13:00-13:50	BZ-01-074	L	30		
		14:00-14:50	BZ-01-074	L	30		
		15:00-15:50	BZ-01-074	L	30		
		16:00-16:50	BZ-01-074	L	30		

Course Synopsis :

This course covering the current state of the art in Internet of Things in Smart Technology. Student will be exposed with multiple technology domains to develop an IoT system and its components and how it can help to support industry. This module focus on analyzing, designing and developing software application for industrial standard IOT application.

Campus : PEKAN
Level : DEGREE
Course Code : BCI3333
Course Name : MACHINE LEARNING APPLICATIONS
Pre-Requisite : BCS2313,
Remarks : NO

Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	16:00-16:50	BZ-04-068	L	30	N	01891 - AFBMR
		17:00-17:50	BZ-04-068	L	30		
01A	THU	10:00-10:50	BZ-04-068	B	30	N	01891 - AFBMR
		11:00-11:50	BZ-04-068	B	30		

Course Synopsis :

Machine learning has become an integral part of many applications and research projects as well in the data science pipeline. This course covers the concepts and a wide range of machine learning techniques starting with the examination of the data sets and explains trends, simple linear regression, support vector machines, decision tree-based, data modelling and production, creating algorithms, predictive models, and basic of deep neural networks. At the end of this course, students practically build an appropriate machine learning model into the production.

Campus : PEKAN
Level : DEGREE
Course Code : BCI3343
Course Name : DATA ENGINEERING AND APPLICATION
Pre-Requisite : BCI2023,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	08:00-08:50	BZ-04-085	L	30	N	01988 - NFBMR
		09:00-09:50	BZ-04-085	L	30		
01A	THU	14:00-14:50	BZ-04-085	B	30	N	01988 - NFBMR
		15:00-15:50	BZ-04-085	B	30		

Course Synopsis :

Data Engineering is a subset of Big Data under the Industrial Revolution 4.0's pillars. This course covers the Big Data and Data Engineering concept, the Hadoop ecosystem, Apache Python basics, and PySpark operations. At the end of this course, students will be able to understand and build a simple data engineering pipelines by streaming some data from the social media.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCM3163
Course Name : COMPUTER GAME PROGRAMMING I
Pre-Requisite : BCS1023, BCI1023,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	14:00-14:50	BZ-02-106	L	60	N	0053 - TABAK
		15:00-15:50	BZ-02-106	L	60		
01A	MON	08:00-08:50	BZ-01-066	B	30	N	0053 - TABAK
		09:00-09:50	BZ-01-066	B	30		
01B	MON	10:00-10:50	BZ-01-066	B	30	N	0053 - TABAK
		11:00-11:50	BZ-01-066	B	30		
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	14:00-14:50	BZ-02-105	L	60	N	0053 - TABAK
		15:00-15:50	BZ-02-105	L	60		
01A	THU	08:00-08:50	BZ-01-066	B	30	N	0053 - TABAK
		09:00-09:50	BZ-01-066	B	30		
01B	THU	10:00-10:50	BZ-01-066	B	30	N	0053 - TABAK
		11:00-11:50	BZ-01-066	B	30		

Couse Synopsis :

This course will expose students to the theoretical and fundamental concepts of games design, development and documentation. Topics to be covered are game design and documentation, game space, 3D in game, platforms, and user interaction/input.

Campus : PEKAN
Level : DEGREE
Course Code : BCM3203
Course Name : COMPUTER GAME PROGRAMMING II
Pre-Requisite : BCM3163, IF4931,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	08:00-08:50 09:00-09:50	BZ-02-049 BZ-02-049	L L	30 30	N	01444 - ASBL
01A	TUE	14:00-14:50 15:00-15:50	BZ-02-049 BZ-02-049	B B	30 30	N	01444 - ASBL
02	THU	08:00-08:50 09:00-09:50	BZ-02-049 BZ-02-049	L L	30 30	N	01444 - ASBL
02A	THU	14:00-14:50 15:00-15:50	BZ-02-049 BZ-02-049	B B	30 30	N	01444 - ASBL
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	14:00-14:50 15:00-15:50	BZ-03-051 BZ-03-051	L L	30 30	N	01444 - ASBL
01A	TUE	16:00-16:50 17:00-17:50	BZ-03-051 BZ-03-051	B B	30 30	N	01444 - ASBL
02	THU	14:00-14:50 15:00-15:50	BZ-03-051 BZ-03-051	L L	30 30	N	01444 - ASBL
02A	THU	16:00-16:50 17:00-17:50	BZ-03-051 BZ-03-051	B B	30 30	N	01444 - ASBL

Couse Synopsis :

This course will expose students to the theoretical, fundamental concepts and implementation of computer game programming. Topics to be covered are retrieving user input, game engine and runtime engine architecture, computer animation in game, game physics, kinematics, projectiles, collisions, physics of explosion, probabilistic, game AI and its engine, data management in game application, game build and other related sub topics that contributed to the development of game application and its underlying logic.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCM3233
Course Name : 3D MODELLING & ANIMATION
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	12:00-12:50	BZ-02-105	L	60	Y 01/02/2024 - AM	2309 - FE
		13:00-13:50	BZ-02-105	L	60		
01A	MON	12:00-12:50	BZ-01-066	B	30	Y 01/02/2024 - AM	2309 - FE
		13:00-13:50	BZ-01-066	B	30		
01C	WED	08:00-08:50	BZ-01-066	B	30	Y 01/02/2024 - AM	2309 - FE
		09:00-09:50	BZ-01-066	B	30		
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	08:00-08:50	BZ-02-105	L	60	Y 08/07/2024 - PM	2309 - FE
		09:00-09:50	BZ-02-105	L	60		
01A	THU	14:00-14:50	BZ-01-066	B	30	Y 08/07/2024 - PM	2309 - FE
		15:00-15:50	BZ-01-066	B	30		
01B	THU	16:00-16:50	BZ-01-066	B	30	Y 08/07/2024 - PM	2309 - FE
		17:00-17:50	BZ-01-066	B	30		

Couse Synopsis :

The focus of the course is on 3D modelling and animation. Students are introduced to 3D modelling and animation methods such as modelling with NURBS, polygons, and subdivision surfaces. Texture mapping, lighting, keyframing, rigging and rendering are also discussed. Production pipeline issues such as geometry deformation and level of detail are emphasized.

Campus : PEKAN
Level : DEGREE
Course Code : BCM3243
Course Name : MULTIMEDIA DEVELOPMENT WORKSHOP
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	14:00-14:50	BZ-03-051	L	30	N	0881 - BBY
		15:00-15:50	BZ-03-051	L	30		
01A	TUE	08:00-08:50	BZ-03-051	B	30	N	0881 - BBY
		09:00-09:50	BZ-03-051	B	30		
02	TUE	14:00-14:50	BZ-03-060	L	30	N	0881 - BBY
		15:00-15:50	BZ-03-060	L	30		
02A	WED	08:00-08:50	BZ-03-060	B	30	N	0881 - BBY
		09:00-09:50	BZ-03-060	B	30		
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	08:00-08:50	BZ-03-051	L	30	N	0881 - BBY
		09:00-09:50	BZ-03-051	L	30		
01A	TUE	10:00-10:50	BZ-03-051	B	30	N	0881 - BBY
		11:00-11:50	BZ-03-051	B	30		
02	WED	08:00-08:50	BZ-03-051	L	30	N	0881 - BBY
		09:00-09:50	BZ-03-051	L	30		
02A	WED	10:00-10:50	BZ-03-051	B	30	N	0881 - BBY
		11:00-11:50	BZ-03-051	B	30		

Couse Synopsis :

This course is designed to exposed the student to be involved in the process of software project development specifically related to multimedia application. The managing process of project development life cycle including managing people, cost estimation, risk management, ethical issues related to project management and other activities in project development using various tools and technology.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCM3253
Course Name : DATA ANALYTICS AND VISUALIZATION
Pre-Requisite : NO
Remarks : ELECTIVE BARU BAGI PROGRAM BCG,BCN DAN BCS.PENJENAMAAN SEMULA (BCM3123) DATA VISUALIZATION

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	14:00-14:50 15:00-15:50	BZ-02-104 BZ-02-104	L L	90 90	N	0064 - ABA
01A	TUE	08:00-08:50 09:00-09:50	BZ-02-049 BZ-02-049	B B	30 30	N	0064 - ABA
01B	TUE	10:00-10:50 11:00-11:50	BZ-02-049 BZ-02-049	B B	30 30	N	0064 - ABA
01C	FRI	08:00-08:50 09:00-09:50	BZ-02-049 BZ-02-049	B B	30 30	N	0064 - ABA
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	10:00-10:50 11:00-11:50	BZ-02-104 BZ-02-104	L L	90 90	N	0064 - ABA
01A	MON	16:00-16:50 17:00-17:50	BZ-02-049 BZ-02-049	B B	30 30	N	0064 - ABA
01B	MON	10:00-10:50 11:00-11:50	BZ-02-049 BZ-02-049	B B	30 30	N	0064 - ABA
01C	TUE	08:00-08:50 09:00-09:50	BZ-02-049 BZ-02-049	B B	30 30	N	0064 - ABA



Course Synopsis :

This course exposes student with various data processing stages including data acquisition, data cleansing, data modelling and data mapping and rendering. The data analytics topics cover basic descriptive and predictive analytics. While data visualization techniques cover the types of visualization, context of decision making and stakeholder identification.



Campus : PEKAN
Level : DEGREE
Course Code : BCM3263
Course Name : AUGMENTED REALITY
Pre-Requisite : NO
Remarks : ELECTIVE BARU BAGI PROGRAM BCG,BCN DAN BCS

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	12:00-12:50 13:00-13:50	BZ-02-105 BZ-02-105	L L	90 90	N	01511 - RBM
01A	WED	12:00-12:50 13:00-13:50	BZ-03-051 BZ-03-051	B B	30 30	N	01511 - RBM
01B	WED	08:00-08:50 09:00-09:50	BZ-03-051 BZ-03-051	B B	30 30	N	01511 - RBM
01C	MON	12:00-12:50 13:00-13:50	BZ-03-051 BZ-03-051	B B	30 30	N	01511 - RBM
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	12:00-12:50 13:00-13:50	BZ-02-104 BZ-02-104	L L	90 90	N	01511 - RBM
01A	WED	12:00-12:50 13:00-13:50	BZ-02-050 BZ-02-050	B B	30 30	N	01511 - RBM
01B	WED	08:00-08:50 09:00-09:50	BZ-02-050 BZ-02-050	B B	30 30	N	01511 - RBM
01C	THU	12:00-12:50 13:00-13:50	BZ-02-050 BZ-02-050	B B	30 30	N	01511 - RBM



Course Synopsis :

This course is designed to expose to the student with the theoretical and fundamentals concept of augmented reality. The course will cover the history of the area, hardware technologies involved, interaction techniques, design guidelines, evaluation methods, and specific application areas.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCN3173
Course Name : EMBEDDED SYSTEM APPLICATION AND DESIGN
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	08:00-08:50 09:00-09:50	BZ-04-087 BZ-04-087	L L	30 30	Y 31/01/2024 - AM	01919 - SBAB
01A	FRI	08:00-08:50 09:00-09:50	BZ-02-062 BZ-02-062	B B	30 30	Y 31/01/2024 - AM	01919 - SBAB
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	12:00-12:50 13:00-13:50	BZ-04-087 BZ-04-087	L L	30 30	Y 02/07/2024 - PM	01679 - SFBK
01A	THU	12:00-12:50 13:00-13:50	BZ-02-062 BZ-02-062	B B	30 30	Y 02/07/2024 - PM	01679 - SFBK



Couse Synopsis :

This course explores all the stages related to identifying a problem that is solvable through Physical System design and application. It then discusses designing and building an Internet of Things (IoT) system to solve a problem. Intended for anyone who has an interest in learning how to design and build IoT devices, this course includes activities that expand on the course material. The focus of this course is to explore the field of the things and their connection to the IoT. In this course, you will analyze the things and connections that make up the IoT, build sensor/actuator systems using the microcontroller and single-board computer and explore the use of Cloud and Fog Technology in an IoT system.



Campus : PEKAN
Level : DEGREE
Course Code : BCN3243
Course Name : CLOUD COMPUTING TECHNOLOGY
Pre-Requisite : BCN2053,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	10:00-10:50 11:00-11:50	BZ-04-087 BZ-04-087	L L	60 60	N	0595 - ASBF
01A	MON	10:00-10:50 11:00-11:50	BZ-04-063 BZ-04-063	B B	30 30	N	0595 - ASBF
01B	TUE	12:00-12:50 13:00-13:50	BZ-04-063 BZ-04-063	B B	30 30	N	0595 - ASBF
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	14:00-14:50 15:00-15:50	BZ-04-087 BZ-04-087	L L	30 30	N	0595 - ASBF
01A	THU	10:00-10:50 11:00-11:50	BZ-02-090 BZ-02-090	B B	30 30	N	0595 - ASBF



Couse Synopsis :

This course introduces student with the cloud computing technology concepts. It describes the benefits of cloud computing and how it can save time and money. It will introduce the cloud concepts such as high availability, scalability, elasticity, agility, and disaster recovery, cloud architecture components such as subscriptions, management groups, resources, and resource groups. It also summarise the geographic distribution concepts such as regions, region pairs, and availability zones.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCN3343
Course Name : INTEGRATED SYSTEM AND SENSOR APPLICATION
Pre-Requisite : BCS2143,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	08:00-08:50	BZ-01-074	L	30	N	01923 - ABZ
		09:00-09:50	BZ-01-074	L	30		
		10:00-10:50	BZ-01-074	L	30		
		11:00-11:50	BZ-01-074	L	30		
		12:00-12:50	BZ-01-074	L	30		
		13:00-13:50	BZ-01-074	L	30		
		14:00-14:50	BZ-01-074	L	30		
		15:00-15:50	BZ-01-074	L	30		
		16:00-16:50	BZ-01-074	L	30		
		17:00-17:50	BZ-01-074	L	30		
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	08:00-08:50	BZ-01-074	L	30	N	01923 - ABZ
		09:00-09:50	BZ-01-074	L	30		
		10:00-10:50	BZ-01-074	L	30		
		11:00-11:50	BZ-01-074	L	30		
		12:00-12:50	BZ-01-074	L	30		
		13:00-13:50	BZ-01-074	L	30		
		14:00-14:50	BZ-01-074	L	30		
		15:00-15:50	BZ-01-074	L	30		
		16:00-16:50	BZ-01-074	L	30		
		17:00-17:50	BZ-01-074	L	30		

Couse Synopsis :

In this course, student will learn the fundamental of cyber-physical systems in embedded systems. The mechanisms by which software interacts with the physical world. This course emphasized both theory and practical in utilizing microprocessors, sensors and actuators in creating a cyber-physical system through programming techniques. Through this course, students should be able to design, construct and test their own cyber-physical system as a part of IoT technology.

Campus : PEKAN
Level : DEGREE
Course Code : BCS1043
Course Name : SOFTWARE ENGINEERING
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	08:00-08:50	BZ-02-101	L	30	Y 29/01/2024 - AM	0025 - RBM
		09:00-09:50	BZ-02-101	L	30		
01A	THU	08:00-08:50	BZ-01-092	T	30	Y 29/01/2024 - AM	0025 - RBM
		09:00-09:50	BZ-01-092	T	30		

Couse Synopsis :

This course introduces software engineering concepts such as software engineering paradigms, requirements specification, design, software verification and validation, software evolution, and software reliability. The concepts and methods of information system analysis and design (structured approach) are also covered in this course, with an emphasis on system analysis methods and tools.

Campus : PEKAN
Level : DEGREE
Course Code : BCS2163
Course Name : OBJECT ORIENTED DESIGN & IMPLEMENTATION
Pre-Requisite : BCI1023,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	14:00-14:50	BZ-02-101	L	30	Y 26/01/2024 - PM	0867 - KBAR
		15:00-15:50	BZ-02-101	L	30		
01A	WED	10:00-10:50	BZ-03-093	B	30	Y 26/01/2024 - PM	0867 - KBAR
		11:00-11:50	BZ-03-093	B	30		
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	10:00-10:50	BZ-01-124	L	30	Y 27/06/2024 - PM	02016 - AMBJ
		11:00-11:50	BZ-01-124	L	30		
01A	MON	10:00-10:50	BZ-03-093	B	30	Y 27/06/2024 - PM	02016 - AMBJ
		11:00-11:50	BZ-03-093	B	30		

Couse Synopsis :

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCS2243
Course Name : WEB ENGINEERING
Pre-Requisite : BCI1023, BCS1133
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	12:00-12:50 13:00-13:50	BZ-01-124 BZ-01-124	L L	60 60	Y 07/02/2024 - AM	0159 - NBMA
01A	TUE	12:00-12:50 13:00-13:50	BZ-03-076 BZ-03-076	B B	30 30	Y 07/02/2024 - AM	0159 - NBMA
01B	TUE	08:00-08:50 09:00-09:50	BZ-03-076 BZ-03-076	B B	30 30	Y 07/02/2024 - AM	0159 - NBMA
02	THU	12:00-12:50 13:00-13:50	BZ-01-124 BZ-01-124	L L	60 60	Y 07/02/2024 - AM	0159 - NBMA
02A	MON	12:00-12:50 13:00-13:50	BZ-03-076 BZ-03-076	B B	30 30	Y 07/02/2024 - AM	01890 - NSBAR
02B	MON	08:00-08:50 09:00-09:50	BZ-03-076 BZ-03-076	B B	30 30	Y 07/02/2024 - AM	0159 - NBMA
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	12:00-12:50 13:00-13:50	BZ-02-096 BZ-02-096	L L	60 60	Y 26/06/2024 - PM	0159 - NBMA
01A	TUE	12:00-12:50 13:00-13:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - PM	0159 - NBMA
01B	TUE	08:00-08:50 09:00-09:50	BZ-03-076 BZ-03-076	B B	30 30	Y 26/06/2024 - PM	0159 - NBMA
02	THU	12:00-12:50 13:00-13:50	BZ-02-096 BZ-02-096	L L	60 60	Y 26/06/2024 - PM	0159 - NBMA
02A	MON	12:00-12:50 13:00-13:50	BZ-02-090 BZ-02-090	B B	30 30	Y 26/06/2024 - PM	0159 - NBMA
02B	MON	08:00-08:50 09:00-09:50	BZ-02-090 BZ-02-090	B B	30 30	Y 26/06/2024 - PM	01985 - MBM
03	MON	12:00-12:50 13:00-13:50	BZ-02-101 BZ-02-101	L L	60 60	Y 26/06/2024 - PM	01890 - NSBAR
03A	THU	12:00-12:50 13:00-13:50	BZ-01-092 BZ-01-092	B B	30 30	Y 26/06/2024 - PM	01890 - NSBAR
03B	THU	08:00-08:50 09:00-09:50	BZ-01-092 BZ-01-092	B B	30 30	Y 26/06/2024 - PM	01890 - NSBAR
04	TUE	12:00-12:50 13:00-13:50	BZ-02-101 BZ-02-101	L L	60 60	Y 26/06/2024 - PM	01890 - NSBAR
04A	WED	12:00-12:50 13:00-13:50	BZ-01-092 BZ-01-092	B B	30 30	Y 26/06/2024 - PM	FP0038 - KAG
04B	WED	08:00-08:50 09:00-09:50	BZ-01-092 BZ-01-092	B B	30 30	Y 26/06/2024 - PM	FP0038 - KAG
05	MON	08:00-08:50 09:00-09:50	BZ-02-101 BZ-02-101	L L	60 60	Y 26/06/2024 - PM	FP0038 - KAG
05A	FRI	08:00-08:50 09:00-09:50	BZ-01-092 BZ-01-092	B B	30 30	Y 26/06/2024 - PM	FP0038 - KAG
05B	FRI	10:00-10:50 11:00-11:50	BZ-01-092 BZ-01-092	B B	30 30	Y 26/06/2024 - PM	FP0038 - KAG



Couse Synopsis :

This course introduces the fundamental process in developing web applications; the associated concepts, methods, techniques and tools. Students are required to develop a web/Internet application based on web engineering concepts.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCS3133
Course Name : SOFTWARE ENGINEERING PRACTICES
Pre-Requisite : BCS2343,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	10:00-10:50 11:00-11:50	BZ-02-106 BZ-02-106	L L	60 60	N	01449 - MZTBA@TCL
01A	MON	16:00-16:50 17:00-17:50	BZ-01-092 BZ-01-092	B B	30 30	N	01449 - MZTBA@TCL
01B	MON	14:00-14:50 15:00-15:50	BZ-01-092 BZ-01-092	B B	30 30	N	01449 - MZTBA@TCL
02	MON	08:00-08:50 09:00-09:50	BZ-02-100 BZ-02-100	L L	30 30	N	01443 - MIBUO
02A	FRI	08:00-08:50 09:00-09:50	BZ-01-092 BZ-01-092	B B	30 30	N	01449 - MZTBA@TCL
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	10:00-10:50 11:00-11:50	BZ-02-105 BZ-02-105	L L	60 60	N	01449 - MZTBA@TCL
01A	MON	16:00-16:50 17:00-17:50	BZ-01-092 BZ-01-092	B B	30 30	N	01449 - MZTBA@TCL
01B	MON	14:00-14:50 15:00-15:50	BZ-01-092 BZ-01-092	B B	30 30	N	01449 - MZTBA@TCL
02	MON	08:00-08:50 09:00-09:50	BZ-02-100 BZ-02-100	L L	30 30	N	01449 - MZTBA@TCL
02A	FRI	08:00-08:50 09:00-09:50	BZ-02-090 BZ-02-090	B B	30 30	N	01449 - MZTBA@TCL



Couse Synopsis :

The course aims to prepare software engineering students to work in a small team on a small project, and to gain hands on software engineering practices through a capstone project.



Campus : PEKAN
Level : DEGREE
Course Code : BCS3143
Course Name : SOFTWARE PROJECT MANAGEMENT
Pre-Requisite : BCS2343, BCS3233
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	10:00-10:50	BZ-05-027	L	60	N	0043 - MBAM
		11:00-11:50	BZ-05-027	L	60		
01A	FRI	10:00-10:50	BZ-03-093	B	30	N	0043 - MBAM
		11:00-11:50	BZ-03-093	B	30		
01B	FRI	08:00-08:50	BZ-03-093	B	30	N	0043 - MBAM
		09:00-09:50	BZ-03-093	B	30		
02	TUE	08:00-08:50	BZ-05-027	L	60	N	0121 - JBS
		09:00-09:50	BZ-05-027	L	60		
02A	MON	14:00-14:50	BZ-03-093	B	30	N	0121 - JBS
		15:00-15:50	BZ-03-093	B	30		
02B	MON	16:00-16:50	BZ-03-093	B	30	N	0043 - MBAM
		17:00-17:50	BZ-03-093	B	30		
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	10:00-10:50	BZ-05-027	L	60	N	0019 - ABK
		11:00-11:50	BZ-05-027	L	60		
01A	FRI	10:00-10:50	BZ-05-027	B	60	N	0019 - ABK
		11:00-11:50	BZ-05-027	B	60		



Couse Synopsis :

This course exposes the student with step by step project management process inclusive of project planning, evaluation, estimation, resource allocation, monitoring and control and managing people and teams to bring about the successful completion of specific project goals and objectives.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCS3153
Course Name : SOFTWARE EVOLUTION & MAINTENANCE
Pre-Requisite : BCS3233, BCS2343,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	08:00-08:50 09:00-09:50	BZ-02-096 BZ-02-096	L L	30 30	Y 07/02/2024 - PM	01770 - ABMA
01A	MON	14:00-14:50 15:00-15:50	BZ-03-076 BZ-03-076	B B	30 30	Y 07/02/2024 - PM	01770 - ABMA
02	THU	12:00-12:50 13:00-13:50	BZ-02-096 BZ-02-096	L L	60 60	Y 07/02/2024 - PM	01147 - KSBKI
02A	MON	12:00-12:50 13:00-13:50	BZ-02-090 BZ-02-090	B B	30 30	Y 07/02/2024 - PM	01770 - ABMA
02B	MON	08:00-08:50 09:00-09:50	BZ-02-090 BZ-02-090	B B	30 30	Y 07/02/2024 - PM	01147 - KSBKI
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	12:00-12:50 13:00-13:50	BZ-02-104 BZ-02-104	L L	60 60	Y 05/07/2024 - AM	0121 - JBS
01A	THU	12:00-12:50 13:00-13:50	BZ-02-090 BZ-02-090	B B	30 30	Y 05/07/2024 - AM	0121 - JBS
01B	THU	08:00-08:50 09:00-09:50	BZ-02-090 BZ-02-090	B B	30 30	Y 05/07/2024 - AM	0121 - JBS



Course Synopsis :

This course will introduce types of maintenance as well as other issues such as economic implications, maintenance organizational structure, quality measurement, processes related to change requests and configuration management. Student will also expose on different maintenance process models such as Boehm, Osborne, Iterative enhancement and reuse-oriented models. Upon completing this class student are expected to be able to understanding the fundamental aspects of software maintenance and evolution, including concepts, techniques and process models for system evolution.



Campus : PEKAN
Level : DEGREE
Course Code : BCS3423
Course Name : INTEGRATED BUSINESS PROCESSING USING SAP
Pre-Requisite : NO
Remarks : ELECTIVE BARU BAGI PROGRAM BCG,BCN DAN BCS

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-02-106 BZ-02-106	L L	60 60	N	01443 - MIBUO
01A	TUE	16:00-16:50 17:00-17:50	BZ-03-076 BZ-03-076	B B	30 30	N	01443 - MIBUO
01B	TUE	14:00-14:50 15:00-15:50	BZ-03-076 BZ-03-076	B B	30 30	N	01443 - MIBUO
Semester II 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	N	01443 - MIBUO
01A	TUE	16:00-16:50 17:00-17:50	BZ-04-068 BZ-04-068	B B	30 30	N	01443 - MIBUO



Course Synopsis :

This course exposes students to the integrated business processes by using SAP ERP Systems. In the first part, student are exposes to the basic knowledge of the ERP including Procurement, Fulfillment, Inventory and Material Planning process. Furthermore, in the second part, as a support for the ERP, SAP system is introduced and student are exposes to the process of managing SAP applications as an administrator.



Campus : PEKAN
Level : DEGREE
Course Code : BCS3453
Course Name : INTEGRATED APPLICATION DEVELOPMENT FRAMEWORK
Pre-Requisite : NO
Remarks : ELECTIVE BARU BAGI PROGRAM BCG,BCN DAN BCS

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	16:00-16:50 17:00-17:50	BZ-02-106 BZ-02-106	L L	60 60	N	01891 - AFBMR
01A	THU	10:00-10:50 11:00-11:50	BZ-01-092 BZ-01-092	B B	30 30	N	01891 - AFBMR
01B	MON	12:00-12:50 13:00-13:50	BZ-01-092 BZ-01-092	B B	30 30	N	01891 - AFBMR



Course Synopsis :

"This course covers development of applications using web, and emerging technologies with emphasis on requirements management, interface design, usability, testing, deployment, including ethical and legal considerations. This course will also make use of Laravel Framework, an application development framework that lets students easily design and deploy applications that enhance the core enterprise solution. The outcome of the course is to provide a solution to any business establishment or community that needs system in their daily activities and process."

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : PEKAN
Level : DEGREE
Course Code : BCY1013
Course Name : CYBER LAW & SECURITY POLICY
Pre-Requisite : NO
Remarks : NO

Semester II Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	08:00-08:50	BZ-02-101	L	30	Y 01/07/2024 - PM	01900 - MFBAR
		09:00-09:50	BZ-02-101	L	30		
01A	THU	14:00-14:50	BZ-03-064	B	30	Y 01/07/2024 - PM	01900 - MFBAR
		15:00-15:50	BZ-03-064	B	30		

Course Synopsis :

A primer on legal issues relating to cyberspace, this course introduces legal, privacy, policy and ethical considerations raised by our use of information technology. With a focus on the most significant issues impacting internet users and businesses in Malaysia, the course provides coverage of key topics as well as emerging themes and crimes related to the legal principles, with the intersection of the internet and the cyber law.

Campus : PEKAN
Level : DEGREE
Course Code : BCY1023
Course Name : INFORMATION SECURITY
Pre-Requisite : BCN1053,
Remarks : NO

Semester I Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	WED	10:00-10:50	BZ-01-121	L	2	Y 30/01/2024 - AM	01309 - WNBWM
		11:00-11:50	BZ-01-121	L	2		
01A	TUE	16:00-16:50	BZ-03-064	B	2	Y 30/01/2024 - AM	01309 - WNBWM
		17:00-17:50	BZ-03-064	B	2		

Semester II Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	08:00-08:50	BZ-02-106	L	10	Y 28/06/2024 - AM	01982 - ZBI
		09:00-09:50	BZ-02-106	L	10		
01A	MON	08:00-08:50	BZ-03-064	B	10	Y 28/06/2024 - AM	01982 - ZBI
		09:00-09:50	BZ-03-064	B	10		

Course Synopsis :

The course introduces the fundamentals of information security providing information security basics, purposes, various types of security attacks, implementation and discussion in the aspect of security. Topics include: foundational concepts in security, principles of secure design, threats and attacks, basics of cryptography, network securing, intrusion detection and prevention systems.

Campus : PEKAN
Level : DEGREE
Course Code : BCY2033
Course Name : SECURITY RISK MANAGEMENT
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	14:00-14:50	BZ-02-101	L	30	Y 07/02/2024 - AM	01900 - MFBAR
		15:00-15:50	BZ-02-101	L	30		
01A	TUE	10:00-10:50	BZ-03-064	B	30	Y 07/02/2024 - AM	01900 - MFBAR
		11:00-11:50	BZ-03-064	B	30		

Course Synopsis :

Campus : PEKAN
Level : DEGREE
Course Code : BCY2043
Course Name : ETHICAL HACKING
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	MON	08:00-08:50	BZ-02-105	L	60	Y 01/02/2024 - AM	01982 - ZBI
		09:00-09:50	BZ-02-105	L	60		
01A	FRI	08:00-08:50	BZ-03-069	B	30	Y 01/02/2024 - AM	01982 - ZBI
		09:00-09:50	BZ-03-069	B	30		
01C	MON	14:00-14:50	BZ-03-069	B	30	Y 01/02/2024 - AM	01982 - ZBI
		15:00-15:50	BZ-03-069	B	30		

Course Synopsis :

Campus : PEKAN
Level : DEGREE
Course Code : BCY2053
Course Name : CYBER SECURITY OPERATIONS
Pre-Requisite : NO
Remarks : NO

Semester II Academic Session 2023/2024

Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	FRI	10:00-10:50	BZ-02-101	L	30	Y 08/07/2024 - PM	01900 - MFBAR
		11:00-11:50	BZ-02-101	L	30		
01A	TUE	16:00-16:50	BZ-03-064	B	30	Y 08/07/2024 - PM	01900 - MFBAR
		17:00-17:50	BZ-03-064	B	30		

Course Synopsis :

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : PEKAN
Level : DEGREE
Course Code : BCY3063
Course Name : CYBER CRIMES & FORENSICS
 COMPUTING
Pre-Requisite : BCY1023,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	THU	14:00-14:50	BZ-02-105	L	90	Y 02/02/2024 - AM	01898 - SBIH
		15:00-15:50	BZ-02-105	L	90		
01A	WED	08:00-08:50 09:00-09:50	BZ-03-064 BZ-03-064	B B	30 30	Y 02/02/2024 - AM	01898 - SBIH
01C	THU	08:00-08:50 09:00-09:50	BZ-03-064 BZ-03-064	B B	30 30		
01D	THU	10:00-10:50	BZ-03-064	B	30	Y 02/02/2024 - AM	01868 - AFBZA
		11:00-11:50	BZ-03-064	B	30		
02	THU	14:00-14:50	BZ-02-105	L	30	Y 02/02/2024 - AM	01898 - SBIH
		15:00-15:50	BZ-02-105	L	30		
02A	WED	08:00-08:50	BZ-03-064	B	30	Y 02/02/2024 - AM	01898 - SBIH
		09:00-09:50	BZ-03-064	B	30		



Couse Synopsis :



Campus : PEKAN
Level : DEGREE
Course Code : BCY3093
Course Name : CRYPTOGRAPHY
Pre-Requisite : NO
Remarks : NO

Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01	TUE	12:00-12:50	BZ-02-105	L	60	Y 04/07/2024 - PM	01982 - ZBI
		13:00-13:50	BZ-02-105	L	60		
01B	THU	08:00-08:50	BZ-03-064	B	30	Y 04/07/2024 - PM	01982 - ZBI
		09:00-09:50	BZ-03-064	B	30		
01C	WED	08:00-08:50	BZ-03-064	B	30	Y 04/07/2024 - PM	01982 - ZBI
		09:00-09:50	BZ-03-064	B	30		
02	TUE	12:00-12:50	BZ-02-105	L	30	Y 04/07/2024 - PM	01982 - ZBI
		13:00-13:50	BZ-02-105	L	30		
02A	THU	12:00-12:50	BZ-03-064	B	30	Y 04/07/2024 - PM	01982 - ZBI
		13:00-13:50	BZ-03-064	B	30		



Couse Synopsis :

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : NO TIMETABLE
Level : DEGREE
Course Code : BCC3012
Course Name : UNDERGRADUATE PROJECT I
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01					500	N	TBA
01-CNRG					12	N	TBA
02-CSR					7	N	TBA
03-Cy-SIG					15	N	TBA
04-DBIS					8	N	TBA
05-DSSim					8	N	TBA
06-EDUT ECH					10	N	TBA
07-ISP					11	N	TBA
08-KECL					7	N	TBA
09-SERG					21	N	TBA
10-SCOR E					13	N	TBA
11-MIRG					21	N	TBA
12-VISIC					9	N	TBA
13-IoT					13	N	TBA
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01					400	N	TBA
01-CNRG					23	N	TBA
02-CSR					8	N	TBA
03-Cy-SIG					37	N	TBA
04-DBIS					18	N	TBA
05-DSSim					17	N	TBA
06-EDUT ECH					28	N	TBA
07-ISP					20	N	TBA
08-KECL					33	N	TBA
09-SERG					20	N	TBA
10-SCOR E					13	N	TBA
11-MIRG					17	N	TBA
12-VISIC					20	N	TBA
13-IoT					30	N	TBA

Couse Synopsis :

This course aims to give students to practice and apply their knowledge and skills that they gain during their study in the university. Student will learn to identify and analyze the problem, propose solution, collect the required data for specific solution and conduct research on the solution. At the end, the students are able to produce a proposal that consist of the problem and proposed solution. During this course, student are supervised by appointed supervisors that will guide and monitor the students project progress. This is to ensure that the project is within the course objective.

Campus : NO TIMETABLE
Level : DEGREE
Course Code : BCC3013
Course Name : UNDERGRADUATE PROJECT 1
Pre-Requisite : NO
Remarks : NO

Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01					400	N	TBA

Couse Synopsis :

This course aim to give chances for the student to practice and apply their knowledge and skills that they gain during their study in the university. Student will learn to identify problem, analyze the problem, give general solution, collect the required data regarding specific solution and do research on the solution. Finally student will be able to produce report proposal and solve the problem identified. During the course, student will be supervised by their supervisor in order to guide and monitor the students project progress and to ensure that they can achieve the course objective.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)

Campus : NO TIMETABLE
Level : DEGREE
Course Code : BCC3024
Course Name : UNDERGRADUATE PROJECT II
Pre-Requisite : BCC3012, CI4A2,
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01					29	N	TBA
01-CNRG					23	N	TBA
02-CSRSG					10	N	TBA
03-Cy-SIR					37	N	TBA
04-DBIS					22	N	TBA
05-DSSim					18	N	TBA
06-EDUT ECH					32	N	TBA
07-ISP					22	N	TBA
08-KECL					23	N	TBA
09-SERG					22	N	TBA
10-SCOR E					15	N	TBA
11-MIRG					20	N	TBA
12-VISIC					27	N	TBA
IoT					11	N	TBA
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01					500	N	TBA
01-CNRG					12	N	TBA
02-CSRSG					7	N	TBA
03-Cy-SIG					15	N	TBA
04-DBIS					8	N	TBA
05-DSSim					8	N	TBA
06-EDUT ECH					10	N	TBA
07-ISP					11	N	TBA
08-KECL					7	N	TBA
09-SERG					21	N	TBA
10-SCOR E					13	N	TBA
11-MIRG					21	N	TBA
12-VISIC					9	N	TBA
13-IoT					30	N	TBA

Couse Synopsis :

This course aim to give chances for the student to practice and apply their knowledge and skills that they gain during their study in the university. Student will learn to identify problem, analyze the problem, give general solution, collect the required data regarding specific solution and do research on the solution. Finally student will be able to produce report proposal and solve the problem identified. During the course, student will be supervised by their supervisor in order to guide and monitor the students' project progress and to ensure that they can achieve the course objective.

Campus : NO TIMETABLE
Level : DEGREE
Course Code : BCC3026
Course Name : UNDERGRADUATE PROJECT II
Pre-Requisite : NO
Remarks : NO

Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01					400	N	TBA

Couse Synopsis :

This course aim to give chances for the student to practice and apply their knowledge and skills that they gain during their study in the university. Student will learn to identify problem, analyze the problem, give general solution, collect the required data regarding specific solution and do research on the solution. Finally student will be able to produce report proposal and solve the problem identified. During the course, student will be supervised by their supervisor in order to guide and monitor the students' project progress and to ensure that they can achieve the course objective.

COURSE TIMETABLE

Faculty : FACULTY OF COMPUTING (FK)



Campus : NO TIMETABLE
Level : DEGREE
Course Code : BCC4012
Course Name : INDUSTRIAL TRAINING
Pre-Requisite : NO
Remarks : NO

Semester I Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01					300	N	TBA
Semester II Academic Session 2023/2024							
Sec	Day	Time	Loc	Mode	Cap	Exam	Staff
01					500	N	TBA



Couse Synopsis :

This course aims to give an experience for the student to apply their knowledge and skills that they have learned. During the internship duration, student must write and record all activities and tasks given by industrial supervisor in the log book. Student able to demonstrate effectively interpersonal skills and act professionally in working environment. By the end of the internship, the student must provide a final report.