

BIT Semester 3

Academic Roster

COLOMBO BRANCH

06.10.2018 – 06.05.2019

| | SATURDAY | SUNDAY |
|---------------|-----------------------------|-----------------|
| 06 / 07 – OCT | WEB 1 OOAD 1 | SE 1 MAT 1 |
| 13 / 14 – OCT | SE 1 MAT 1 | WEB 1 OOAD 1 |
| 20 / 21 – OCT | WEB 2 OOAD 2 | SE 2 MAT 2 |
| 27 / 28 – OCT | SE 2 MAT 2 | WEB 2 OOAD 2 |
| 03 / 04 – NOV | WEB 3 OOAD 3 | SE 3 MAT 3 |
| 10 / 11 – NOV | SE 3 MAT 3 | WEB 3 OOAD 3 |
| 17 / 18 – NOV | WEB 4 OOAD 4 | SE 4 MAT 4 |
| 24 / 25 – NOV | SE 4 MAT 4 | WEB 4 OOAD 4 |
| 01 / 02 – DEC | WEB 5 OOAD 5 | SE 5 MAT 5 |
| 08 / 09 – DEC | SE 5 MAT 5 | WEB 5 OOAD 5 |
| 15 / 16 – DEC | WEB 6 OOAD 6 | SE 6 MAT 6 |
| 22 / 23 – DEC | Batch Trip and Summer Night | |
| 29 / 30 – DEC | SE 6 MAT 6 | WEB 6 OOAD 6 |
| 05 / 06 – JAN | WEB 7 OOAD 7 | SE 7 MAT 7 |
| 12 / 13 – JAN | SE 7 MAT 7 | WEB 7 OOAD 7 |
| 19 / 20 – JAN | WEB 8 UID 1 | SE 8 MAT 8 |
| 26 / 27 – JAN | SE 8 MAT 8 | WEB 8 UID 1 |
| 02 / 03 – FEB | WEB 9 UID 2 | SE 9 MAT 9 |

| | SATURDAY | SUNDAY |
|---------------|--|------------------|
| 09 / 10 – FEB | SE 9 MAT 9 | WEB 9 UID 2 |
| 16 / 17 – FEB | WEB 10 UID 3 | SE 10 MAT 10 |
| 23 / 24 – FEB | SE 10 MAT 10 | WEB 10 UID 3 |
| 02 / 03 – MAR | WEB 11 UID 4 | SE 11 MAT 11 |
| 09 / 10 – MAR | SE 11 MAT 11 | WEB 11 UID 4 |
| 16 / 17 – MAR | Cricket / Badminton Tournament Sport Day & DJ | |
| 23 / 24 – MAR | WEB 12 UID 6 | UID 5 MAT 12 |
| 30 / 31 – MAR | UID 5 MAT 12 | WEB 12 UID 6 |
| 06 / 07 – APR | OOAD R1 UID 7 | SE R1 MAT 13 |
| 20 / 21 – APR | SE R1 MAT 13 | OOAD R1 UID 7 |
| 27 / 28 – APR | Common Revision OOAD R2 UID 8 / UID 9 | |

Object Oriented Analysis & Design

| No. | Lesson |
|--------|---|
| OOAD-1 | Object Oriented Concepts and Overall UML Diagram |
| OOAD-2 | Use case Diagram |
| OOAD-3 | Activity, State and Timing Diagrams |
| OOAD-4 | Class Diagram |
| OOAD-5 | Object, Composite-Structure and Package Diagrams |
| OOAD-6 | Sequence, Communication and Interaction-Overview Diagrams |
| OOAD-7 | Components and Deployment Diagrams New Diagrams and Features in UML-2 |

User Interface Design

| No. | Lesson |
|-------|--|
| UID-1 | Interaction |
| UID-2 | Human User |
| UID-3 | Evolving Technologies for Rich Interaction |
| UID-4 | PACT Analysis / Task Analysis |
| UID-5 | User-Centered Design |
| UID-6 | Design Models |
| UID-7 | User Support |
| UID-8 | Prototyping |
| UID-9 | Usability / Accessibility / Acceptability |

Fundamentals of Software Engineering

| No. | Lesson |
|-------|--|
| SE-1 | Introduction to software and software Engineering |
| SE-2 | Software development and development process model |
| SE-3 | Requirement engineering |
| SE-4 | CASE Tools |
| SE-5 | Software Design - Part 1 |
| SE-6 | Software Design - Part 2 |
| SE-7 | Coding |
| SE-8 | Software Testing |
| SE-9 | Quality Management |
| SE-10 | Software Maintenance |
| SE-11 | Software Project Management |

Mathematics for Computing II

| No. | Lesson |
|--------|--------------------------------------|
| MAT-1 | System of Linear Equations |
| MAT-2 | Types of Matrices |
| MAT-3 | Operations of Matrices |
| MAT-4 | Inverse of a Matrices |
| MAT-5 | Total Probability |
| MAT-6 | Discrete Probability Distributions |
| MAT-7 | Continuous Probability Distributions |
| MAT-8 | Introduction to vectors |
| MAT-9 | Vector Geometry |
| MAT-10 | Vector Products |
| MAT-11 | Sequences and Series |

| | |
|--------|---------------------------------|
| MAT-12 | Differentiation and Integration |
| MAT-13 | Revision |

Web Application Development II

| No. | Lesson |
|--------|--|
| WEB-1 | Introduction to Web-Based Solutions |
| WEB-2 | Front-End-Design with HTML and CSS |
| WEB-3 | JavaScript-Basics Concepts and Applications |
| WEB-4 | JavaScript-Advanced Concepts and jQuery |
| WEB-5 | JavaScript-AJAX and Single-Page web-sites |
| WEB-6 | PHP-Environment and Basics |
| WEB-7 | PHP-Form Processing with Database Connectivity |
| WEB-8 | PHP- Form Processing with Database Connectivity |
| WEB-9 | PHP-Cookies, Sessions, File Handling and Sending Email |
| WEB-10 | PHP-Object Oriented and PHP-Frameworks |
| WEB-11 | PHP-MVC Based PHP-Sample-Project |
| WEB-12 | PHP-Code-Ignitor and Laravel Basics |