

# BIT Semester 4

## Academic Roster

28.05.2016 - 02.10.2016

	Saturday	Sunday	Sunday
	Colombo	Gampaha	Colombo
28 / 29 May	NET 1 PRO 1	NET 1 PRO 1	PM 1 RAD 1
04 / 05 -JUN	PM 1 RAD 1	PM 1 RAD 1	NET 1 PRO 1
11 / 12 - JUN	NET 2 PRO 2	NET 2 PRO 2	PM 2 RAD 2
18 / 19 - JUN	PM 2 RAD 2	PM 2 RAD 2	NET 2 PRO 2
25 / 26 - JUN	NET 3 PRO 3	NET 3 PRO 3	PM 3 RAD 3
02 / 03 - JUL	PM 3 RAD 3	PM 3 RAD 3	NET 3 PRO 3
09 / 10 - JUL	NET 4 PRO 4	NET 4 PRO 4	PM 4 RAD 4
16 / 17 -JUL	PM 4 RAD 4	PM 4 RAD 4	NET 4 PRO 4
24-Jul	MID EXAM	MID EXAM	MID EXAM
30 / 31 - JUL	TRIP TRIP	TRIP TRIP	TRIP TRIP
06 / 07 - AUG	NET 5 PRO 5	NET 5 PRO 5	PM 5 RAD 5
13 / 14 - AUG	PM 5 RAD 5	PM 5 RAD 5	NET 5 PRO 5
20 / 21 - AUG	NET 6 PRO 6	NET 6 PRO 6	PM 6 RAD 6
27 / 28 - AUG	PM 6 RAD 6	PM 6 RAD 6	NET 6 PRO 6
03 / 04 - SEP	NET 7 PRO 7	NET 7 PRO 7	PM 7 RAD 7
10 / 11 - SEP	PM 7 RAD 7	PM 7 RAD 7	NET 7 PRO 7
17 / 18 - SEP	NET 8 PRO 8	NET 8 PRO 8	PM 8 RAD 8
25-Sep	End Exam	End Exam	End Exam
01 / 02 - OCT	PM 8 RAD 8	PM 8 RAD 8	NET 8 PRO 8

Department of Information Technology  
Earth University College

### Rapid Software Development

1. Agile Methodology
2. Scrum Concepts
3. Scrum Roles
4. Scrum Planning (Product/Portfolio)

#### Mid Exam

5. Scrum Planning (Sprint)
6. XP (Planning and Designing)
7. XP (Coding and Testing)
8. Revision-Scrum

#### End Exam

### Programming II

1. Data Structures and Algorithm, Array-List, Bubble Sort
2. Linked List, Select Sort
3. Stacks, Queues, Insertion Sort
4. Recursion, Merge Sort, Quick Sort

#### Mid Exam

5. Tree-1 (BST-Implementation/Operation/Traversing)
6. Tree-2 (Balancing-DSW/AVL, Self-Adjusting/Heap)
7. Graph
8. Time and Space Complexity of Algorithm

#### End Exam

### IT Project Management

1. Project and Project Management
2. Knowledge Area and Process Group Mgt. / Scope Mgt.
3. Integration Management
4. Time Management

#### Mid Exam

5. Cost Management
6. Quality Management / Procurement Management
7. Human Resource / Communications Management
8. Risk Management

#### End Exam

### Computer Networks

1. Data Transmission
2. Packet Switching Networks
3. LAN-Wired
4. LAN-Wireless

#### Mid Exam

5. IP Suit (IP/Subletting/Routing)
6. IP Suit (Transport/Support/Application Protocols)
7. IP Suit (VPN/NAT/Last-Mile Internet Access)
8. Mobile Networks and New Concepts (CDN/SDN)

#### End Exam