

BIT Semester 4 Academic Roster

29.07.2017 – 12.11.2017

	Saturday	Sunday	Sunday
	Col	Gam	Col
29 / 30 – JUL	NET 1	NET 1	PM 1
	RSD 1	RSD 1	PRO 1
05 / 06 – AUG	PM 1	PM 1	NET 1
	PRO 1	PRO 1	RSD 1
12 / 13 – AUG	NET 2	NET 2	PM 2
	RSD 2	RSD 2	PRO 2
19 / 20 – AUG	PM 2	PM 2	NET 2
	PRO 2	PRO 2	RSD 2
26 / 27 – AUG	NET 3	NET 3	PM 3
	RSD 3	RSD 3	PRO 3
02 / 03 – SEP	PM 3	PM 3	NET 3
	PRO 3	PRO 3	RSD 3
09 / 10 – SEP	NET 4	NET 4	PM 4
	RSD 4	RSD 4	PRO 4
16 / 17 – SEP	PRO 4	NET 5	PRO 5
	PM 4	PM 4	RSD 4
23 / 24 – SEP	NET 5	PRO 4	NET 4
	RSD 5	RSD 5	PM 5
30 / 01 – OCT	PRO 5	NET 6	PRO 6
	PM 5	PM 5	RSD5
07 / 08 – OCT	NET 6	PRO 5	NET 5
	RSD 6	RSD 6	PM 6
14 / 15 – OCT	PRO 6	NET 7	PRO 7
	PM 6	PM 6	RSD 6
21 / 22 – OCT	NET 7	PRO 6	NET 6
	RSD 7	RSD 7	PM 7
28 / 29 – OCT	PRO 7	NET 8	PRO 8
	PM 7	PM 7	RSD 7
04 / 05 – NOV	NET 8	PRO 7	NET 7
	RSD 8	RSD 8	PM 8
11 / 12 – NOV	PRO 8	NET 9	PRO 9
	PM 8	PM 8	RSD 8

Programming 2

1. Data Structures and Algorithm
2. Array-List, Bubble Sort
3. Linked List, Select Sort
4. Stacks, Queues, Insertion Sort
5. Recursion, Merge Sort, Quick Sort
6. Tree-1 (BST-Implementation/Operation/Traversing)
7. Tree-2 (Balancing-DSW/AVL, Self-Adjusting/Heap)
8. Graph
9. Time and Space Complexity of Algorithm & Sorting

Computer Networks

1. Data Transmission
2. Packet Switching Networks
3. LAN-Wired
4. LAN-Wireless
5. IP Suit (IP/Subletting/Routing)
6. IP Suit (Transport/Support/Application Protocols)
7. Network Design (VPN/NAT/Last-Mile Internet Access)
8. Mobile Networks and New Concepts (CDN/SDN)

IT Project Management

1. Project and Project Management
2. Knowledge Area and Process Group Mgt. / Scope Mgt.
3. Integration Management
4. Time Management
5. Cost Management
6. Quality Management / Procurement Management
7. Human Resource / Communications Management
8. Risk Management

Rapid Software Development

1. Agile Methodology
2. Scrum Concepts
3. Scrum Roles
4. Scrum Planning (Product/Portfolio)
5. Scrum Planning (Sprint)
6. Scrum Practical Session
7. XP (XP Lifecycle /XP Team)
8. XP (Practices / Collaboration / Product Releasing)