

Matematika Diskrit

1. Dosen: Nur Uddin, PhD. (Email: nur.uddin@upj.ac.id)
2. Buku referensi: *Discrete Mathematics and its Applications, 7th Edition* (Kenneth H. Rosen, McGraw-Hill, Inc., New York, 2012)
3. Penilaian
Komponen nilai: UTS (30%) + UAS (30%) + Tugas (30%) + Keaktifan (10%)
4. Silabus

Lectures	Topic	Reading
1	Introduction	
2	Propositional logic	1.1-1.3
3	Predicate and quantifier	1.4
4	Set, set operation, and functions	2.1-.2.3
5	Sequence, summation, and cardinality	2.4-2.5
6	Number Theory	4.1-4.2
7	Review	
8	UTS	
9	Induction and Recursion	5.1-5.4
10	Relations	9.1-9.2
11	Graphs	10.1-10.2
12	Graphs	10.3-10.6
13	Trees	11.1-11.2
14	Trees	11.3-11.5
15	Review	
16	UAS	