

Matematika Diskrit 1

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Sekolah Tinggi Teknologi Garut
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- Mandiri (20%)
 - Absensi
 - Individu/Aktivitas di Kelas
- Tugas-tugas (Terstruktur) (20%)
- UTS (20%)
- UAS (40%)

1. Logika
2. Logika Proposisi
3. Tautologi dan Kontradiksi
4. Inferensi
5. Bentuk Klausul
6. Propositional Resolusi
7. Logika Relasional
8. First Order Logic

- Lecture Notes in Stanford University, can be accessed at <http://logic.stanford.edu/classes/cs157/2007/cs157.html> (Pustaka utama)
- Robert R. Korfhage, Logics and Algorithms, John Wiley & Sons, 1969
- Giarratano and Riley, Principles of Expert Systems, Pws Pub Co
- Stuart J Russell & Peter Norvig, Artificial Intelligence: A Modern Approach, 2nd Edition, Prentice-Hall International, Inc, 2003
- Munir, Rinaldi. Modul Kuliah Matematika Diskrit