



Basis Data 1 - TIS3333 || 3 SKS

Materi Basis Data 1 - TIS3333 / 3 SKS

- Pengenalan Basisdata
- Pemanfaatan Basis data
- Komponen Sistem Basisdata, Abstraksi dat
- Pemodelan Data, Entitas , Relasi, Key Attribute
- Simple Attribute, Composite Attribute, Single Multivalue Attribute
- Foreign key , Kardinalitas Entity
- Normalisasi Data, Normal 1,2,3 Normal Form
- Functional Dependency
- Implementasi Database Ms.Access/MySQL
- Database , Tabel, Primary Key
- Standar Query Language [SQL]
 - DDL [Data Definition Language] / DML [Data Manipulation Language]
 - Perintah Dasar SQL Query Relasi, Aggregate Function
- Perkembangan Database
 - [Data Warehouse, Datamining]

Referensi

- Connolly, Thomas; Begg, Carolyn; Strachan, Anne; *Database Systems : A Practical Approach to Design, Implementation and Management*, 3rd edition, Addison Wesley, 2001.
- Date, C.J.; *An Introduction to Database System*, Addison Wesley Publishing Company, Vol. 7, New York, 2000.
- Elmasri, Ramez; Navathe, Shamkant B.; *Fundamentals of Database Systems*, The Benjamin/Cummings Publishing Company, Inc., California, 2000.
- Korth, H., Silberschats, A., Sudarshan, S., 1998, Database System Concept, McGraw-Hill
- Kadir, A, 2009, Dasar Perancangan & Implementasi database relasional, Penerbit Informatika.
- Fathansyah, 2007, Basis Data, Penerbit Informatika
- Bahan Referensi Internet : <http://www.w3schools.com>

Kontrak Perkuliahan

Mata Kuliah Basis Data 1 || Kode MK : TIS3333
Pertemuan Kuliah / Tatap Muka 14x + UTS & UAS



Penilaian

- Kehadiran - Aktif / Partisipasi Perkuliahan*
- Presentasi / Diskusi
- Tugas
- Ujian Tengah Semester
- Ujian Akhir Semester [nilai tertinggi]

Maksimum Tidak hadir 4x , > 4x tidak dapat mengikuti Ujian

*/. Kehadiran Untuk Menambah Poin Penilaian UAS

Terlambat > 20 menit dari Jadwal tidak di proses presensi