**Management of Database Systems CE00407-3 **

**Teaching Schedule Spring 2010**

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| W/C | Lecture | By | Seminar | BY | Tutorial | Assessment |
| 1  18/01 | Module introduction & overview of Database Management | CS | Introduction to DB Security –Backup & Disaster preparedness | EW | Introduction to SQL Server Enterprise Edition in a Virtual Environment & Administrator Role |  |
| 2  25/01 | Security External threats | EW | Security Internal threats | EW | Role Based Security |  |
| 3  01/02 | Security & Encryptionof Data at Rest | CS | Introduction to Assignment /The Context of Security | CS | How to hack a database (SQL Injection) |  |
| 4 08/02 | Memory Management & DBMS architectures | CS | Schema Management & Managing Metadata | CS | Database Encryption |  |
| 5 15/02 | Database Configuration | EW | Software selection & evaluation Contractual & licensing | EW | Security vulnerabilities & the Catalog |  |
| 6  22/02 | Database Optimisation – overview | EW | Database optimisation - query optimisation | EW | Defending the Database |  |
| 7 01/03 | MILESTONE | CS | MILESTONE | CS | MILESTONE | Hand in by 01/03 |
| 8  08/03 | Database Optimisation – Design Optimisation*.* | EW | Optimising database interactions | EW | Query optimisation (1) |  |
| 9  15/03 | Managing & tuning transactions | EW | Assignment Support | CS | Query optimisation  *(2)* |  |
| 10  22/03 | Concurrency Management | EW | Database internals – controls & parameters | EW | Assignment Support/individual tutorials |  |
| 11 12/04 | EXAM FORMAT | CS | Presentations | CS | presentations | HandIn – 12/04/10 |
| 12 19/04 | Presentations | CS | Presentations | CS | Presentations |  |