# COURSE DESCRIPTIONS BY COURSE DISCIPLINE PREFIX

## DBA DATABASE MANAGEMENT TECH

DBA-110 Database Concepts 3 (2-3) Fall
Prerequisites: None
Corequisites: None
This course introduces database design and creation using a DBMS product. Emphasis is placed on data dictionaries, normalization, data integrity, data modeling, and creation of simple tables, queries, reports, and forms. Upon completion, students should be able to design and implement normalized database structures by creating simple database tables, queries, reports, and forms.(2006 SP)

DBA-120 Database Programming I 3 (2-2) Fall
Prerequisites: None
Corequisites: None
This course is designed to develop SQL programming proficiency. Emphasis is placed on data definition, data manipulation, and data control statements as well as on report generation. Upon completion, students should be able to write programs which create, update, and produce reports.(2006 SP)

DBA-221 SQL Server DB Prog II 3 (2-2) Spring
Prerequisites: DBA-120S
Corequisites: None
This course is designed to enhance programming skills developed in DBA 120. Topics include application development with GUI front-ends and embedded programming. Upon completion, students should be able to develop a SQL Server DBMS application which includes a GUI front-end and report generation.(2006 SP)