

MICROSOFT PROFESSIONAL DATABASE ADMINISTRATOR (MCDBA) OPTION MAJOR CODE 21494

First Year Term I

CDA 1403C	PC Support & Service -- Operating Systems (Session 2)	3
CDA 1302C	PC Support & Service – Hardware ¹ (Session 4)	3
COP 1334C	Introduction to C++ Programming ²	3
ENC 1101	Composition	3
MAC 1105	College Algebra	3
<i>Total Term Semester Hours</i>		15

Term II

CEN 1509C	Network+	4
CTS 1431C	Microsoft Specialist: Advanced Access or	
CGS 1540C	Database Management	3
CIS 2321	Systems Design & Development ³	3
SPC 1024	Introduction to Speech Communications or	
SPC 1600	Introduction to Public Speaking	3
<i>Total Term Semester Hours</i>		13

Term III

CEN 1300C	Implementing Microsoft Windows Professional ⁴	4
CEN 1301C	Implementing Microsoft Windows Server ⁶	4
<i>Total Term Semester Hours</i>		8

Second Year, Term I

CIS 2342	Designing Data Services and Data Models ³	3
CEN 1315C	Implementing Microsoft Windows Network Infrastructure ⁷	4
CTS 1433C	Querying Microsoft SQL Server with Transact-SQL ⁸	3
Hum / FA	Humanities / Fine Arts Elective	3
<i>Total Term Semester Hours</i>		13

Term II

CTS 2811C	Administering a Microsoft SQL Server Database ⁹	4
CTS 2434C	Programming a Microsoft SQL Server Database ¹⁰	4
CS Elective	Computer Science Elective*	3
Soc / Beh	Social / Behavioral Science Elective	3
<i>Total Term Semester Hours</i>		14
<i>Total Program Semester Hours</i>		63

*Any course with a CDA, CEN, CET, CGS, CIS, or COP prefix, except CGS1000, CGS1060, CGS1061C, or CGS1570

1. Prerequisite – CDA 1403C (with a grade of C or higher)
2. Prerequisite – MAT 1033 or MTB 1310
3. Prerequisite – COP 1334C
4. Prerequisite – CDA 1403C; Co requisite – CDA 1302C (each with a grade of C or higher)
5. Prerequisite – CIS 2321 (with a grade of C or higher)
6. Prerequisites – CDA 1403C and CDA 1302C and CEN 1300C (each with a grade of C or higher)
7. Prerequisites – CDA 1403C and CDA 1302C and CEN 1300C and CEN 1301C (each with a grade of C or higher)
8. Prerequisite – CIS 2342 (with a grade of C or higher)
9. Prerequisites – CEN 1301C and CTS 1433C (each with a grade of C or higher)
10. Prerequisite – CTS 1433C (with a grade of C or higher)

Students must fulfill the computer literacy general education requirements within the first 15 hours of BC credit by successfully completing the basic student technology test or pass the CGS1060C to earn the degree.