



## AAS Computer Systems - Database Development Track

### Guided Pathway

Effective beginning with the 2021-2022 catalog

#### First Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
COSC 1315 Intro. to Computer Programming or COSC 1436 Programming Fundamentals I	ITSE 1330 Introduction to C# Programming or COSC 1437 Programming Fundamentals II
<sup>C</sup> Social/Behavioral Sciences (see list below)	<sup>C</sup> ENGL 1301 Composition I
ITSW 1304 Introduction to Spreadsheets - Excel	ITNW 1358 Network+
ITSE 1346 Database Theory and Design	ITSE 2309 Database Programming - SQL
<sup>C</sup> Mathematics (see list below)	MATH 1342 Elementary Statistical Methods
15-16 credit hours	15-16 credit hours

#### Second Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
ENGL 2311 Technical & Business Writing	ITSC 2380 Cooperative Education - Computer & Information Sciences, General (Capstone) or INEW 2330 Comprehensive Software Project: Planning & Design
ITSE 1311 Beginning Web Programming	ITSE 2347 Advanced Database Programming
ITSE 2370 Descriptive Analytics	ITSY 2354 Advanced Oracle PL/SQL
ITSW 2370 SAS Programming	ITSY 1300 Fundamentals of Info. Security (Security+)
<sup>C</sup> Speech (see list below)	<sup>C</sup> Humanities/Fine Arts (see list below)
15 credit hours	15 credit hours

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Contact your advisor at Collin College for information about applying for your associate degree.

<sup>C</sup> Core Curriculum transferrable to any public college or university in Texas.

#### Collin Options:

Mathematics – choose one from: **MATH** 1314, 1316, 1324, 1325, 1332, 1342, 1350, 1351, 2305, 2318, 2320, 2412, 2413, 2414, 2415

Humanities/Fine Arts – choose one from: **ARTS** 1301, 1303, 1304, 1313, **DANC** 2303, **DRAM** 1310, 2361, 2362, 2366, **ENGL** 2322, 2323, 2327, 2328, 2332, 2333, 2341, **HIST** 2311, 2312, 2321, 2322, **HUMA** 1301, **MUSI** 1306, 1307, 1310, **PHIL** 1301, 1304, 2303, 2306, 2307, 2321

Social/Behavioral Sciences – choose one from: **ANTH** 2302, 2346, 2351, **ECON** 1301, 2301, 2302, **GOVT** 2305, 2306, **HIST** 1301, 1302, 2301, **PSYC** 2301, **SOCI** 1301, 1306

Speech – choose one from: **SPCH** 1311, 1315, 1321