

Program Information

The Anoka Technical College Database Design & Development diploma is a 57-credit program that provides students with the knowledge needed to design and implement information technology solutions that meet business requirements. Students are prepared to enter the job market as data analysts, software programmers, database developers, business analysts or systems analysts.

This IT diploma is one of seven career areas of concentration:

- Convergence Technology
- Database Design & Development
- Game Programming
- Mobile Development
- Network Analyst
- Software Development
- Web Design & Development

Prerequisites

Some courses may require an Accuplacer/ACT score or completion of basic math, basic English, and/or reading courses with a "C" or better.

Graduation Requirements

All Anoka Technical College students seeking an Associate in Applied Science (AAS) degree, diploma, or certification must meet the grade-point average (GPA) of 2.0 or higher. Please contact your advisor for any further program graduation requirements.

Transfer Opportunities

To see how credits from this program may transfer into other Anoka Technical College programs or into a program at another college, visit:

- [Minnesota Transfer](http://www.mntransfer.org/students/plan/s_agreements.php?numResults=25&archive=false&from_inst=70&from_prog=&to_inst=&Search=Search): (www.mntransfer.org/students/plan/s_agreements.php?numResults=25&archive=false&from_inst=70&from_prog=&to_inst=&Search=Search)
- [Anoka Technical College transfer student](http://www.anokatech.edu/BecomeStudent/Transfers.aspx): (www.anokatech.edu/BecomeStudent/Transfers.aspx)

Industry Information

According to the US Bureau of Labor Statistics, employment of all software developers, including database developers, will grow 22% from 2012 to 2022, which is a pace much faster than the national average for all jobs. The median annual earnings of applications software developers were \$90,060 in May 2012.

Wages/Outlook/Advancement

Wage information is available from the [Minnesota Department of Employment and Economic Development](http://mn.gov/deed/job-seekers/job-outlook/index.jsp) (http://mn.gov/deed/job-seekers/job-outlook/index.jsp).

Gainful Employment

Follow this link for a [Gainful Employment Report](#).

Technical Education: 57 Credits

<input type="checkbox"/>	ITEC 1002	Networking Fundamentals.....	3
<input type="checkbox"/>	ITEC 1016	Web Development Technologies.....	4
<input type="checkbox"/>	ITEC 1025	Project Management.....	4
<input type="checkbox"/>	ITEC 1035	Documentation Standards.....	2
<input type="checkbox"/>	ITEC 1070	IT Support.....	1
<input type="checkbox"/>	ITEC 2100	Programming Logic & Design.....	4
<input type="checkbox"/>	ITEC 2105	JAVA Programming.....	4
<input type="checkbox"/>	ITEC 2113	NET Technologies.....	4
<input type="checkbox"/>	ITEC 2120	DB Design & SQL.....	4
<input type="checkbox"/>	ITEC 2136	Web Data Technologies.....	4
<input type="checkbox"/>	ITEC 2140	Business Intelligence (Report Writing).....	4
<input type="checkbox"/>	ITEC 2145	Database Programming.....	4
<input type="checkbox"/>	ITEC 2220	DB Administration & Security.....	4
<input type="checkbox"/>	ITEC 2501	Android Application Development.....	4
<input type="checkbox"/>	ITEC 2900	Integrated Capstone Project.....	4
<input type="checkbox"/>	TLIT 1005	Technology Fundamentals.....	3

Also see AAS degrees and diplomas in: Convergence Technology, Database Design & Development, Game Programming, Mobile Development, Network Analyst, Software Development and Web Design & Development

Start Dates

Fall Semester..... August, October
Spring Semester..... January, March
(Also multiple start options each semester)

Faculty Contact

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For information on how to apply, to schedule a tour, or for service during summer hours, contact Enrollment Services at 763-576-7710 or EnrollmentServices@anokatech.edu