

# DATA ANALYTICS TECHNICIAN

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## Program Description

The Data Analytics Technician program provides students with highly marketable skills in data collection, data analysis, communication, organization, time management, and problem solving. Students will develop queries for data conversion into readable, analyzable, and informational documents for employers and other end users.

Curriculum integrates database, spreadsheets, programming/scripting, Python, XML, and SQL training in conjunction with continued mathematics and business courses. Students may complete the program on the Bismarck State College campus, and many courses are available to complete online.

## Preparation

Students should enjoy programming, mathematics, be detailed-oriented, enjoy problem-solving, and be interested in working in an office setting. They should be able to type at least 40 words per minute. Students should know how to perform basic file management skills such as saving, deleting, copying, and backing up files. Students should also be comfortable using a Windows-based computer, be able to easily navigate the Internet, and be comfortable using email. High school students should have successfully completed English, computer, business, and math classes. Keyboarding skills are required.

## Program Requirements

Those who complete the required curriculum for the two-year program earn an Associate in Applied Science degree. A three-year program is available for those students who may need to take additional time with the curriculum. Many courses in the Data Analytics Technician program may be used for transfer to a four-year information analytics degree program.

## Career Opportunities

Business and industry require data analysis to make critical business decisions every day. Potential employers may include government agencies, educational institutions, sales offices, service agencies, healthcare, insurance companies, banks, utility companies, non-profits, and investment firms.

## Contact

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## Degree Plans

- Data Analytics Technician Associate in Applied Science 2-Year Degree Plan
- Data Analytics Technician Associate in Applied Science 3-Year Degree Plan