

# DATA ANALYTICS AND REPORTING CERTIFICATE

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## Entry Time

Fall

## Award

Certificate

2 year (4 terms)

This certificate will assist graduates entering the growing and well-paid field of database development. Students will learn various phases of database development including how to design, implement, and code databases with a variety of tools, using in-demand languages such as Microsoft Access, MySQL, and SQL. In addition to learning about various database technologies, students also have the opportunity to choose between a web and programming focus.

## Certificate Requirements

Course	Title	Credit Hours
<b>Term 1</b>		
Select one of the following:		3
CIS-121	Introduction to Programming Logic <sup>1</sup>	
CIS-450	PLTW - Computer Science Principles <sup>1</sup>	
CSC-142	Computer Science <sup>1</sup>	
<b>Term Totals:</b>		<b>3</b>
<b>Term 2</b>		
CIS-335	Relational Database and SQL <sup>1</sup>	3
<b>Term Totals:</b>		<b>3</b>
<b>Term 3</b>		
CIS-326	Business Intelligence Tools <sup>1</sup>	3
CIS-327	Applied Analytics and Reporting <sup>1</sup>	3
<b>Term Totals:</b>		<b>6</b>
<b>Term 4</b>		
CIS-354	Data Analytics and Reporting Projects <sup>1</sup>	3
<b>Term Totals:</b>		<b>3</b>
<b>Program Totals:</b>		<b>15</b>

<sup>1</sup> Minimum grade requirement of C- for graduation