

**CERTIFICATE OF ACHIEVEMENT**

The Database emphasis prepares students to use popular database management programs such as Access and Oracle, as well as to design and administer stores of data.

**STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:**

- Demonstrate ability to design, create, use and maintain databases for a variety of customer applications.

**GENERAL EDUCATION REQUIREMENTS (3 Credits):**

	CR	SEMESTER
<b>COMMUNICATIONS:</b> ENG 100, 101, 107, 113	3-5	_____

**SPECIAL PROGRAM REQUIREMENTS (27 Credits):**

	CR	SEMESTER
<b>CIT 112B</b> Network+	3	_____
<b>CIT 180</b> Database Concepts and SQL	3	_____
<b>IS 115</b> Introduction to Programming	3	_____
<b>Plus 18 credits from the following:</b>		
<b>CIT 111</b> A+ Software		
OR		
<b>CIT 171</b> Introduction to the Unix Operating System	3	_____
<b>CIT 113B</b> IT Project+	3	_____
<b>CIT 151</b> Beginning Web Development	3	_____
<b>CIT 152</b> Web Script Language Programming	3	_____
<b>CIT 155</b> Introduction to ColdFusion	3	_____
<b>CIT 181</b> Introduction to Oracle	3	_____
<b>CIT 183</b> Oracle Database Administration	3	_____
<b>CIT 203B</b> Access Certification Preparation	3	_____
<b>CIT 251</b> Advanced Web Development	3	_____
<b>CIT 252</b> Web Database Development	3	_____
<b>CIT 284</b> Oracle PL/SQL Programming II	3	_____
<b>CIT 287</b> Database Application Development	3	_____
<b>CIT 290</b> Internship in CIT	1-6	_____
Computation included in IS 115		
Human Relations included in ENG 100, 101, 107		

**30**  
Total Credits

CIT C20

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

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