

HENDERSON COMMUNITY COLLEGE
ACADEMIC PLAN/APPLICATION FOR INFORMATION TECHNOLOGY CERTIFICATES
Electronic Commerce, Database Administration Oracle, and Web/Database Programmer Oracle

EMPL ID _____

Major/Program Code _____

Name _____

Program Pre-requisite: Students entering this program will need to have basic computer skills such as would be obtained through CIS 100 Introduction to Computers or the equivalent.

(Complete shaded areas as applicable)

(2005-2006)

Academic Success Requirements (May be required)	Semester Taken	Credit Hours
ENC 090 - Foundations of College Writing I		3*
ENC 091 - Foundations of College Writing II		3*
MT 055 - Pre-Algebra		3*
MT 065 - Basic Algebra with Measurement		3*
RDG 010 - Introduction to College Reading		3*
RDG 020 - Improved College Reading		3*
RDG 030 - Reading for the College Classroom		3*
* Courses numbered 001-099 and MA 108 do not count toward the determination of grade point average or as credit toward graduation.		

Electronic Commerce Certificate Requirements	Semester Taken	Credit Hours
ACC 201 - Financial Accounting I		3
BA 160 - Introduction to Business		3
BA 282 - Principles of Marketing		3
BA/CIS 151 - Introduction to Electronic Commerce		3
IT 130 - Web Site Design and Production		4
IT 230 - Advance Web Page Design		3
IT 235 - Data-Driven Web Page Design		3
IT 291 - E-Commerce Practicum: Site Implementation		3
NIS 160 - Networking Core Technologies		3
Total Credit Hours		28

Database Administration Oracle Certificate Requirements	Semester Taken	Credit Hours
IT 147 - SQL Programming		3
IT 170 - Introduction to Database Design		3
IT 270 - Database Systems - Implementation and Management		3
IT 272 - Oracle Database Administration		3
IT 274 - Oracle Backup and Recovery		2
IT 276 - Oracle Network Administration		2
IT 278 - Oracle Performance Tuning		3
NIS 213 - Administering Microsoft Windows Server OR		
NIS 230 - UNIX Administration		3
Total Credit Hours		22

Web/Database Programmer Oracle Certificate Requirements	Semester Taken	Credit Hours
BA/CIS 151 - Introduction to Electronic Commerce		3
IT 130 - Web Site Design and Production OR		
IT 132 - Introduction to HTML		3-4
IT 147 - SQL Programming		3
IT 170 - Introduction to Database Design		3
IT 230 - Advance Web Page Design		3
IT 235 - Data-Driven Web Page Design		3
IT 272 - Oracle Database Administration		3
IT 291 - E-Commerce Practicum: Site Implementation		3
Programming Course (scripting preferred)		
		3
Total Credit Hours		27-28

Electives	Semester Taken	Credit Hours

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Certificates in Information Technology are awarded to students who complete the specified requirements with a cumulative grade point average of 2.0 or higher.

HENDERSON COMMUNITY COLLEGE
SEMESTER-BY-SEMESTER ACADEMIC PLAN FOR INFORMATION TECHNOLOGY CERTIFICATES
Electronic Commerce, Database Administration Oracle, and Web/Database Programmer Oracle

Semester		Year	
Course	Grade	Credit Hours	
Sem. GPA	Cum. GPA	Total	

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