

**HENDERSON COMMUNITY COLLEGE
ACADEMIC PLAN/APPLICATION FOR ASSOCIATE IN APPLIED SCIENCE DEGREE IN INFORMATION TECHNOLOGY
COMPUTER PROGRAMMING OPTION**

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)

(2004-2005)

| 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. | | |

| General Education Requirements | Semester Taken | Credit Hours |
|--|-------------------|-----------------|
| ENG 101 - Writing I | | 3 |
| ENG 102 - Writing II | | 3 |
| Oral Communications | | 3 |
| Heritage/Humanities Course | | 3 |
| Social Interaction Course | | 3 |
| PHY 152 - Introduction to Physics | | 3 |
| PH 162 - Introduction to Physics Laboratory II | | 1 |
| MT 150 - College Algebra | | 3 |
| Subtotal General Education Requirements | | 22 |

The Associate of Applied Science Degree in Information Technology Computer Programming Option is awarded to students who complete a minimum of 70 credit hours, including the specified requirements, with a cumulative grade point average of 2.0 or higher.

| Information Technology Technical Core | Semester Taken | Credit Hours |
|--|-------------------|-----------------|
| CIS 120 - Program Design and Development | | 3 |
| CIS 130 - Microcomputer Applications OR | | |
| ET 107 - Computer Applications for Technicians | | 3-4 |
| ET 232 - Software Maintenance | | 3 |
| ET 234 - Hardware Maintenance | | 3 |
| IT 120 - Cisco Internetworking I OR | | |
| NIS 160 - Networking Core Technologies | | 3-4 |
| IT 130 - Web Site Design and Production OR | | |
| IT 132 - Introduction to HTML | | 3-4 |
| IT 170 - Introduction to Database Design | | 3 |
| Beginning Level Programming Language | | 3 |
| Subtotal Technical Core | | 24-27 |

| Computer Programming Option Requirements | Semester Taken | Credit Hours |
|--|-------------------|-----------------|
| CIS 220 - Systems Analysis and Design | | 3 |
| ACC 201 - Financial Accounting I | | 3 |
| Management Course | | 3 |
| CIS 280 - Internship OR | | |
| COE 199 - Cooperative Education | | 3 |
| Programming Languages - 12 credit hours (must include at least 6 credit hours above the beginning level) | | |
| | | 3 |
| | | 3 |
| | | 3 |
| Subtotal Computer Programming Option Requirements | | 24 |
| Total Credit Hours | | 70-73* |

*A course used to fulfill one requirement cannot be used to fulfill another requirement.

**HENDERSON COMMUNITY COLLEGE
 SEMESTER-BY-SEMESTER ACADEMIC PLAN FOR ASSOCIATE IN APPLIED SCIENCE DEGREE
 IN INFORMATION TECHNOLOGY COMPUTER PROGRAMMING OPTION**

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

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

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

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

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

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

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

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