**Degree Programs**

“I love the small classes and the individual attention each student receives.”

Kimberly Cross
Graduate

“I love the fact that Chipola has a Bachelor’s degree program.”

2008 Graduating Student Survey

“After many years of not being in school, 30 to be exact, I decided to return and get my Associate in Arts degree. I was scared beyond words, not to mention the fact that I had no confidence in myself. The staff and instructors at Chipola College took me under their wings and quickly erased my doubts. Everyone was very helpful and made the time there enjoyable.”

Debbie Lollie
2006 Student Interview

“Chipola, thank goodness, is greater than the sum of its parts.”

Faculty Member
Employee Survey

“Because of my time at Chipola, when I began classes at the University of Florida, I felt I was better prepared than the students who took their first two years at the university.”

David Melvin
2003 Outstanding Alumnus
CEO, Melvin Civil Engineering

__Baccalaureate Degree Programs__

Associate in Arts Degree Programs
Associate in Science Degree Programs
Associate in Applied Science Degree Programs
College Credit Certificate Programs

The University Center
Chipola College offers four types of degrees: Baccalaureate (four-year), Associate in Arts (AA), Associate in Science (AS) degrees, and Associate in Applied Science (AAS) degrees.

**Baccalaureate Degree Programs and Educator Preparation Institute**

**Teacher Education**

Bachelor of Science in Elementary Education  
*Classes begin in Fall, 2008*

Bachelor of Science in Exceptional Student Education  
*Classes begin in Fall, 2008*

Bachelor of Science in Mathematics Education (6-12)  
**Classes begin in Fall, 2008**

Bachelor of Science in Middle School Mathematics Education (5-9)  
**Classes begin in Fall, 2008**

Bachelor of Science in Biology Education (6-12)  
**Classes begin in Fall, 2008**

Bachelor of Science in Middle School Science Education (5-9)  
**Classes begin in Fall, 2008**

Chipola College’s Education degrees are designed to prepare students to teach elementary education, exceptional student education, and math or science in middle or high school settings. All graduates from these programs will be state certified.

Call (850) 718-2449 or email elemdegree@chipola.edu for information on the Elementary Education and Exceptional Student Education degrees.

Call (850) 718-2416 or email clevelandl@chipola.edu for information on the Mathematics and Science Education degrees.

**Educator Preparation Institute (EPI)**

The Educator Preparation Institute is a teacher certification program for college graduates with bachelor’s degrees in subjects other than education who want to teach. The EPI offers courses leading to certification in any K-12 Field. If you are interested in becoming a teacher and making a difference in someone’s life, inquire about Chipola’s student-centered environment, small classes, full-time teaching faculty, and local internship experiences.

Call (850) 718-2467 or email epicert@chipola.edu for information on the EPI.

**Bachelor of Science in Nursing**

Chipola College’s BS degree in Nursing is designed for individuals who have earned the AS degree in Nursing, are licensed Registered Nurses, and have completed all required prerequisite courses. Classes begin in Fall, 2008.

Call (850) 718-2278 or email coxm@chipola.edu for information.

**Bachelor of Applied Science in Business Management**

Chipola College’s BAS degree in Business Management is designed to expand students’ understanding of business administration and prepare them for a broad range of business careers. The BAS degree offers three tracks: Supervision and Management, Accounting, and General Management.

Call (850) 718-2413 or email gilberta@chipola.edu for information.

For information about each of Chipola’s four-year programs, call the Baccalaureate Hotline (850) 718-2492, email myersk@chipola.edu, or call (850) 718-2276. Students should also complete the online survey at www.chipola.edu. (Click on Bachelor’s Degrees & EPI)

**Associate in Arts Degree Programs**

**Differences between Associate in Arts, Associate in Science, and Associate in Applied Science Degrees**

All courses designated [A] in the “Course Descriptions” section of this Catalog will transfer to state colleges and universities in Florida.

Chipola College offers Associate in Arts, Associate in Science, and Associate in Applied Science degree programs, as well as certificate (nondegree) programs, short courses and special interest courses.

Students should understand the differences between the Associate in Arts, the Associate in Science, and the Associate in Applied Science degrees.

**AA Curricula**

The programs of study (curricula) for the AA degree at Chipola include the requirements that Florida colleges and universities demand—the Gordon Rule, the CLAST, and 60 hours of courses designated [A] in the “Course Descriptions” section of the catalog (including 36 hours of general education). Also, colleges and universities in Florida strongly recommend that students who do not fulfill the foreign language requirement in high school do so at the community college level. The University of Florida and Florida State University require students to meet the modern language requirement before admission.

**AS and AAS Curricula**

The programs of study (curricula) for the Associate in Science degree at Chipola include many courses that are transferable to Florida universities. Each AS degree contains a minimum of 15 hours of general education courses, all of which are transferable. Only courses designated [O] in the “course description” section of this catalog may not transfer.

Two of the AS degrees at Chipola, Nursing and Business Administration, are covered in the state’s “career ladder agreement” Under this agreement, students who complete these programs are guaranteed admission to one of the state colleges or universities in the program designated to articulate with their degree, except
for limited access programs and those requiring specific grades on particular courses for admission. For these two programs, the designated curriculum must be followed and a minimum 2.0 GPA must be earned.

AA Guarantees Acceptance at State Universities
As the pages that follow explain, the Associate in Arts degree is intended for students who plan to attend a Florida college or university to complete their bachelor’s degree. Various agreements guarantee that the student who graduates from a Florida community college with an Associate in Arts degree will be accepted at the junior class level by a Florida college or university.

Students who Plan to Complete a Bachelor’s Degree
The Associate in Arts degree is designed for students who plan to complete the first two years of college work at Chipola and then transfer into a baccalaureate degree program at either Chipola or another college/university.

In planning a program, students should be certain to meet the general education requirements for the Associate in Arts degree and complete a program of at least 60 semester hours. Within these 60 semester hours, students should fulfill the prerequisite course requirements for the major at the transfer institution.

State colleges and universities in Florida have agreed on a list of common prerequisites for admission into most academic programs. However, for students who plan to transfer to an out-of-state institution, the requirements will differ. To maximize transferability, students are advised to choose a major and transfer university as early as possible while at Chipola.

Students transferring with the AA degree are guaranteed the transferability of credits earned toward that degree and junior level standing at a Florida public college or university by the State Articulation Agreement (see Student Bill of Rights). A student transferring prior to receipt of the AA degree is not assured of such status and may not receive acceptance of credits earned in certain courses or in courses with less than a “C” grade.

Some private universities and colleges in Florida honor the community college AA degree. See Student Services for a list of these institutions.

It is the responsibility of each student to consult an advisor to plan a program of study at Chipola College; however, in the final analysis, the student is responsible for the requirements stated in this catalog and in the catalog of the transfer institution. Any discrepancy between oral advice and the catalog should be checked carefully by the student.

Student Bill of Rights
Florida Community College Associate in Arts graduates are guaranteed the following rights under the Statewide Articulation Agreement (State Board of Education Rule 6A-10.024):
1. Admission to one of the 11 state universities, except to limited access programs.*
2. Acceptance of at least 60 semester hours by the state universities.
3. Adherence to the university degree/program requirements, based on the catalog in effect at the time the student first enters the community college, provided the student maintains continuous enrollment.
4. Transfer of equivalent courses under the Statewide Course Numbering System.
5. Acceptance by the state universities of credits earned in accelerated programs (e.g., CLEP, Dual Enrollment, AP, IB, and AICE).
6. No additional General Education Core requirements.
7. Advance knowledge of selection criteria for limited access programs.
8. Equal opportunity with native university students to enter limited access programs.

Should any guarantee be denied, students have the right of appeal. Each state university and community college shall make available established appeal procedures through the respective articulation officers.

*Some degree programs may include additional admission requirements. The programs are referred to as “limited access” programs. These more stringent requirements may include a higher grade point average and/or higher test scores, additional courses or prerequisites, and/or auditions/portfolios.

General Education Requirement
The General Education program is designed to improve intellectual skills and develop understanding in the broad areas of liberal education in order to prepare students for effective personal living and responsible citizenship.

Of the 60 hours required to complete an Associate in Arts degree, 36 must be in General Education courses. Moreover, a specific number of hours is required in each of the general education areas.

The General Education areas of study and the minimum number of hours required in each area are:

<table>
<thead>
<tr>
<th>AREA</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Social Sciences</td>
<td>6</td>
</tr>
<tr>
<td>2. Natural Sciences</td>
<td>6</td>
</tr>
<tr>
<td>3. Mathematics</td>
<td>6</td>
</tr>
<tr>
<td>4. Communications</td>
<td>8</td>
</tr>
<tr>
<td>5. Humanities</td>
<td>7</td>
</tr>
<tr>
<td>6. Additional General Education</td>
<td>3</td>
</tr>
<tr>
<td>Course (any other course from Areas 1-5)</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>36</strong></td>
</tr>
</tbody>
</table>
Area 1—Social Sciences

Minimum: 6 semester hours from among the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 2010 - 2020</td>
<td>American History</td>
<td>3,3</td>
</tr>
<tr>
<td>ASH 1044</td>
<td>Middle Eastern History &amp; Civilization</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013 - 2023</td>
<td>Principles of Economics</td>
<td>3,3</td>
</tr>
<tr>
<td>GEA 2001 - 2002</td>
<td>World Geography</td>
<td>3,3</td>
</tr>
<tr>
<td>POS 2041</td>
<td>American Federal Government</td>
<td>3</td>
</tr>
<tr>
<td>POS 2112</td>
<td>State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>REL 2300</td>
<td>World Religions</td>
<td>3</td>
</tr>
<tr>
<td>SYG 1000</td>
<td>Introductory Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SYG 1010</td>
<td>Contemporary Sociology</td>
<td>3</td>
</tr>
<tr>
<td>WOH 2012-2022</td>
<td>World History I/II</td>
<td>3,3</td>
</tr>
</tbody>
</table>

Area 1 College Level Competency: Evaluate Societal and Ethical Issues, Problems, and Values

Purpose of Area 1: The purpose of a social and behavioral science component in the core curriculum is to increase students’ knowledge of how social and behavioral scientists discover, describe, and explain the behaviors and interactions among individuals, groups, institutions, and events and ideas. Such knowledge will better equip students to understand themselves and the roles they play in addressing the issues facing humanity.

Area 2—Natural Sciences

Minimum: 6 semester hours from among the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AST 1002</td>
<td>Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>BSC 1005</td>
<td>Introduction to Biological Sciences</td>
<td>3</td>
</tr>
<tr>
<td>BSC 1052</td>
<td>Conservation Biology</td>
<td>3</td>
</tr>
<tr>
<td>BSC 2010 - 2011</td>
<td>Integ. Principles of Biology I/II</td>
<td>3,3</td>
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<tr>
<td>BSC 2093 - 2094</td>
<td>Human Anatomy &amp; Physiology II</td>
<td>3,3</td>
</tr>
<tr>
<td>CHM 1030</td>
<td>General Organic &amp; Biochemistry for Health Related Sciences I</td>
<td>3</td>
</tr>
<tr>
<td>CHM 1045 - 1046</td>
<td>General Chemistry I/II</td>
<td>3,3</td>
</tr>
<tr>
<td>ESC 1000</td>
<td>Introduction to Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>GLY 1010</td>
<td>Introduction to Physical Geology</td>
<td>3</td>
</tr>
<tr>
<td>MCB 2010</td>
<td>Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>PHY 1053C - 1054C</td>
<td>General Physics I/II</td>
<td>4,4</td>
</tr>
<tr>
<td>PHY 2048C - 2049C</td>
<td>General Physics with Calculus I/II</td>
<td>5,5</td>
</tr>
<tr>
<td>PSC 1121</td>
<td>Introduction to Physical Science</td>
<td>3</td>
</tr>
</tbody>
</table>

Area 2 College Level Competency: Understand the History, Nature, Methods, and Limits of Science

Purpose of Area 2: The purpose of the study of the natural sciences component in the core curriculum is to understand, construct, and evaluate relationships in the natural sciences, and to enable the student to understand the bases for building and testing theories. These discipline-specific objectives are based on the National Science Education Standards.

Area 3—Mathematics

Three State Board of Education rules affect the general education mathematics courses that students must take: the Placement Rule, the Gordon Rule, and the CLAST Rule. In summary:

1. The Placement Rule requires students to be placed in their first math course according to their scores on a placement exam, the ACT, SAT, or CPT. Students whose scores fall below college and state-designated levels are required to take noncredit preparatory courses and attain minimum grades of “C” before taking college credit math courses. Specifically, students who score below 19 on the mathematics section of the Enhanced ACT or 72 on the CPT are required to register for MAT 0024, a noncredit course.

2. The Gordon Rule (6A10.030) requires all Florida college students to complete at least 6 hours of math at the college algebra level or higher, and to make at least a “C” in each course. The six hours in mathematics required by the Gordon Rule will be satisfied by courses listed below.

3. The College Level Academic Skills Test (CLAST) tests computation skills.

Minimum: 6 semester hours from among the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 1105</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1114</td>
<td>Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1140</td>
<td>Precalculus Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1311</td>
<td>Calculus and Analytic Geometry I</td>
<td>4</td>
</tr>
<tr>
<td>MAC 2233</td>
<td>Calculus for Non-Science Majors</td>
<td>3</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>Calculus and Analytic Geometry II</td>
<td>4</td>
</tr>
<tr>
<td>MGF 1106 - 1107</td>
<td>Mathematics for Liberal Arts I/II</td>
<td>3,3</td>
</tr>
<tr>
<td>STA 2122</td>
<td>Statistics for the Behavioral/Social Sc</td>
<td>3</td>
</tr>
</tbody>
</table>

Area 3 College Level Competency: Demonstrate Basic Mathematical Skills and Knowledge

Purpose of Area 3: The objective of the mathematics component of the core curriculum is to develop a quantitatively literate college graduate. Every college graduate should be able to apply basic mathematical tools in the solution of real-world problems.

Area 4—Communications

Three State Board of Education rules affect the general education communications courses that students must take: the Placement Rule, the Gordon Rule, and the CLAST Rule. In summary:

1. The Placement Rule requires students to be placed in their first communications courses according to their scores on a placement exam, the ACT, SAT, or CPT. Students whose scores fall below college or state-designated levels are required to take non-
credit remedial courses and attain minimum grades of “C” before taking college credit communications courses.

Specifically, students who score below 17 on the English usage section of the Enhanced ACT or 83 on the CPT are required to register for ENC 0004. Students who score below 18 on the reading section of the Enhanced ACT or 83 on the CPT are required to register for REA 0004. Students who score 18-19 on the Enhanced ACT or 83-95 on the CPT are required to register for REA 1205 as a corequisite with ENC 1101 or ENC 0004.

2. The Gordon Rule (6A10.030) requires all Florida college students to complete at least 12 hours of courses that require significant writing assignments and to make at least a “C” in each course. Eight hours required by the Gordon Rule will be satisfied by courses listed below.

3. The College Level Academic Skills Test (CLAST) tests communications skills.

Minimum: 8 semester hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101*</td>
<td>Communications Skills I</td>
<td>4</td>
</tr>
<tr>
<td>ENC 1102*</td>
<td>Communications Skills II</td>
<td>4</td>
</tr>
</tbody>
</table>

*Transfer students with less than eight (8) hours in ENC 1101 and 1102 will be required to take additional Gordon Rule writing courses.

Area 4 College Level Competency: Comprehend and Articulate Effectively in English - Reading, Writing, Oral Communication

Purpose of Area 4: The purpose of the communications area in the core curriculum is to enable the student to read critically and communicate effectively in clear and correct prose.

Area 5—Humanities

Minimum: 7 semester hours from among the following:

Select 3 semester hours from:
Any ARH or ART course, any AML or ENL course, HUM 2210/2230, MUL 2010, MUE 1290, or any 3 hr. MUT course, SPT 2521, or THE 1020

Select 4 semester hours from:
Select 3 hours from American Literature (AML 2010 or 2020), English Literature (ENL 2012 or 2022), or Hispanic Cinema (SPT 2521) PLUS 1 hour of Research Writing (ENC 1133)*

OR

select 4 hours from HUM 2216 or HUM 2233*.

* The Gordon Rule (6A10.030) requires all Florida college students to complete at least 12 hours of writing courses at the ENC 1101 level and higher and to make at least a “C” in each course. Four hours of course work with significant writing assignments required by the Gordon Rule will be satisfied by these courses.

Area 5 College Level Competency: Interpret, Evaluate and Appreciate Works of Human Culture

Purpose of Area 5: The purpose of the fine and performing arts in the core curriculum is to expand student knowledge of the human condition and human cultures, especially in relation to behaviors, ideas and values expressed in works in the performing arts: music, performance, music history and theory; theatre performance and theatre history; the visual arts and purpose of art. Through study of disciplines such as literature, philosophy and the visual and performing arts, students will engage in critical analysis, form aesthetic judgments, and develop an appreciation of the fine and performing arts and humanities as fundamental in the stature and survival of any society. Students should have experiences in both the arts and humanities.

Area 6—General Education Course

Minimum: 3 semester hours

Select three (3) additional hours from any of the general education courses listed in Areas 1-5.

Technology
Technology is embedded in many general education core courses.

College Level Competency: Use Technology Effectively

Purpose: The purpose of the technology component in the general education core is to equip students with computer application skills.
Courses with International or Diversity Focus

The following courses taught at Chipola College have been designated as courses with an international/diversity focus:

- **AMH 2091, 2092** African American History I & II
- **ARH 1000** Purpose of Art
- **ASH 1044** Middle Eastern History & Civilization
- **FRE 1120, 1121, 2220, 2221** Elementary or Inter. French
- **GEA 2001, 2002** World Geography I & II
- **MHF 4404*** History of Math
- **MUL 2010** Music Appreciation
- **REL 2300** World Religions
- **SPN 1120, 1121, 2220, 2221** Elementary or Inter. Spanish
- **SPN 1170** Spanish Language and Culture Study Abroad
- **SPT 2521** Hispanic Cinema
- **SYG 1010** Contemporary Sociology
- **TSL 3520*** Language and Cultural Understanding
- **WOH 2012, 2022** World History I & II

*Only available to students enrolled in baccalaureate programs.

Modern Language Requirement

Note: There is no Modern Language requirement for the AA Degree from Chipola; however, students should be aware that Bachelor Degree candidates must have 8-10 semester hours of college credit in the same modern language, unless they have earned two years of high school credit in the same modern language. Students who plan to pursue one of Chipola’s baccalaureate programs or transfer to a Florida college or university should fulfill this requirement before earning an AA degree from Chipola. In addition, some college and university programs of study may require additional credits in a modern language. The University of Florida and Florida State University require students to meet the modern language requirement before admission.
Associate in Arts Degree Programs

To graduate with an AA degree, students must earn 60 hours of credit, 36 of them in general education areas. While earning these credits, students take courses that serve two purposes:

1. They fulfill a general education requirement for the AA degree.
2. They are prerequisites—required beginning courses—for later courses that students will have to take in their major fields after transferring to a college or university.

Although an AA degree from Chipola will transfer to any public Florida college or university (State Board of Education Rule 6A10.024, FAC), students who know their major and transfer school can conserve time by taking the specific general education courses and prerequisites recommended.

Since there are over 600 individual majors or tracks available at state colleges or universities, only a sample AA Curriculum Guide is included in this catalog.

All students are required to meet with an advisor before each registration period. This allows the students and the advisor to review the student’s current major, course work, future plans, and complete the class registration schedule for the upcoming term. Whenever possible, students should use one of the preplanned AA Curriculum Guides to facilitate their academic progress. These guides are available in Student Services, Bldg. A and on the college website. If students are interested in majors or transfer institutions not listed, they may talk with an advisor in Student Services.

Students who have not identified a major or a transfer institution may follow the General College Curriculum Guide in this catalog; however, students may not be admitted to certain programs at many colleges or universities unless specific courses are completed prior to transfer. It is in the student’s best interest to choose his/her major and transfer school as soon as possible after entering Chipola and to work closely with an academic advisor in selecting appropriate courses.

Latest AA Degree Curriculum Guides

The following pre-planned curriculum guides are available from Student Services, faculty advisors, or on the web at www.chipola.edu/studentservices/cguides/guides.htm

<table>
<thead>
<tr>
<th>Florida A &amp; M University</th>
<th>Florida State University-Panama City Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture</td>
<td>Nursing</td>
</tr>
<tr>
<td>Business Administration</td>
<td>Physical Education</td>
</tr>
<tr>
<td>Cardiopulmonary Sciences</td>
<td>Political Science</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>Psychology</td>
</tr>
<tr>
<td>Elementary Education</td>
<td>Science Education</td>
</tr>
<tr>
<td>Engineering</td>
<td>Social Science Education</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>Social Work</td>
</tr>
<tr>
<td>Landscape Design &amp; Management</td>
<td>Sport Management</td>
</tr>
<tr>
<td>Nursing</td>
<td>Special Education</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>Sports Medicine/Athletic Training</td>
</tr>
<tr>
<td>Psychology</td>
<td>Theater/Drama</td>
</tr>
<tr>
<td>Social Work</td>
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</table>

<table>
<thead>
<tr>
<th>Florida State University</th>
<th>University of West Florida</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art Education</td>
<td>Business Administration</td>
</tr>
<tr>
<td>Art History or Studio Art</td>
<td>Professional Communication</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>Computer Science</td>
</tr>
<tr>
<td>Business Administration</td>
<td>Criminology</td>
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<tr>
<td>Chemistry</td>
<td>Elementary Education</td>
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<tr>
<td>Communication</td>
<td>Engineering</td>
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<td>Communication Disorders</td>
<td>Nursing</td>
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<tr>
<td>Computer Science</td>
<td>Psychology</td>
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<tr>
<td>Criminology</td>
<td>Social Science Education</td>
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<td>Early Childhood Education</td>
<td>Social Science Interdisciplinary</td>
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<td>Social Work</td>
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<td>Engineering</td>
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<td>English Education</td>
<td>University of Central Florida</td>
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<td>Information Technology</td>
<td>Health Sciences</td>
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<td>Management Information Systems</td>
<td>Radiologic Sciences</td>
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<tr>
<td>Mathematics Education</td>
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<tr>
<td>Music Education</td>
<td>Undecided Majors</td>
</tr>
<tr>
<td>Music General</td>
<td>General College/ College Prep</td>
</tr>
<tr>
<td></td>
<td>If you are interested in a major or a state university that is not listed, please consult your advisor.</td>
</tr>
</tbody>
</table>
Sample Curriculum Guide

General College

This plan is for students who do not have a definite objective for the third and fourth years or who do not have definite plans about transferring to another college or university for the third and fourth years.

Students should be aware that delaying the choice of a major and a transfer school could mean one or two extra semesters are required to complete the prerequisite course work for that major and/or transfer school.

FRESHMAN YEAR

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Communications Skills I</td>
<td>4</td>
<td>ENC 1102</td>
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<tr>
<td>XXX XXXX</td>
<td>NATURAL SCIENCE</td>
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<td>XXX XXXX</td>
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<td>XXX XXXX</td>
<td>SOCIAL SCIENCE</td>
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<td>MATHEMATICS</td>
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<td>XXX XXXX</td>
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SOPHOMORE YEAR

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<td>HUMANITIES</td>
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¹ Choose 4 hours from the following: AML 2010/2020, ENL 2012/2022, ENC 1133, HUM 2216/2233, SPT 2521.
² Choose 3 hours from any ARH or ART course, HUM 2210 or 2230, THE 1020, any AML or ENL, SPT 2521 or any 3 hour MHT course.
³ Electives: These courses should be prerequisites for the student’s intended major.
⁴ Choose 3 hours from any of the general education courses listed in areas I-V.

Associate in Science Degree Programs

The programs of study (curricula) for the Associate in Science degree at Chipola include many courses that are transferable to Florida colleges and universities. Each AS degree contains a minimum of 15 hours of general education courses, all of which are transferable. Courses designated [O] in the “course description” section of this catalog may not transfer. Interested students should check with Student Services for additional information and assistance. To access specific curriculum guides for each AS/AAS degree, go to http://www.chipola.edu/studentservices/cguides/guides.htm

Business Administration

Program Code 2185

This curriculum prepares students for employment as managers in a variety of business environments such as an owner/manager for a small business, or for continued education beyond the Associate degree level. Students who plan to pursue a bachelor’s degree in any area of business at a four-year college or university may instead fulfill the Associate in Arts degree requirements for a major in Business at the chosen transfer school. All courses taken in this Associate in Science degree are transferable to state universities in Florida. An additional 10 hours of specific general education courses, the Gordon Rule, and completion of CLAST and CAAP requirements would be needed to earn an Associate in Arts degree.

A minimum of 64 semester credit hours is needed to graduate with an AS degree in Business Administration from Chipola College.

Computer Engineering Technology

Program Code 2174

This program is designed to prepare students for employment as computer engineering technicians, network engineering technicians and in other occupations in electronics and information technology. Also, this program provides supplemental training for persons
currently in these occupations. This specialized training includes system architecture, software, communications, programming, analysis and design of computer systems. Students acquire the necessary skills to operate and maintain various computer systems. Also, students develop skills in hardware and software needed to upgrade and troubleshoot computer circuitry.

A minimum of 68 semester credit hours is needed to graduate with an AS degree in Computer Information Technology from Chipola College.

Computer Information Technology  
*Program Code 2172*

This program prepares students for entry level positions as microcomputer support specialists, help desk representatives, and software application technicians. Students who plan to pursue a bachelor’s degree in computer or management information science at a four-year college or university should fulfill the Associate in Arts degree requirements for the chosen transfer school.

A minimum of 63 semester credit hours is needed to graduate with an AS degree in Computer Information Technology from Chipola College.

Criminal Justice Technology  
*Program Code 2168*

This curriculum, leading to the Associate in Science degree, is designed for individuals currently employed in the field of Criminal Justice, including Corrections and Law Enforcement. Students who plan to pursue a bachelor’s degree in criminology or criminal justice at a four-year college or university should fulfill the Associate in Arts degree requirements for the chosen transfer school.

A minimum of 64 semester credit hours is needed to graduate with an AS degree in Criminal Justice Technology from Chipola College.

Culinary Management  
*Program Code 2140*

This program of study prepares students for a career in commercial and institutional management positions leading to employment as an executive chef, steward, food and beverage director, restaurant manager, or caterer. This program would also provide supplemental training for persons previously or currently employed in the above occupations. Culinary Management focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the culinary industry: planning; management; finance; technical and product skills; underlying principles of technology; labor issues; community issues; and health, safety, and environmental issues.

A minimum of 64 hours is needed to graduate with an AS degree in Culinary Management from Chipola College.

Dental Hygiene  
*Program Code 9096*

Articulation Agreement between Chipola College and Tallahassee Community College

Chipola College and Tallahassee Community College have an articulation agreement that allows students who attend Chipola and meet the stated prerequisites and criteria to enroll in the Dental Hygiene Program at Tallahassee Community College. Check with Tallahassee Community College for application deadlines.

Students should contact the Technology and Professional Programs Division, Tallahassee Community College, 444 Appleyard Drive, Tallahassee, FL 32304, (850) 201-0695 to obtain an application packet and should indicate they wish to enroll under the articulation agreement with Chipola College when the application is submitted. The application process should begin at least one year in advance of anticipated enrollment at TCC.

Early Childhood Education  
*Program Code 2197*

This curriculum, leading to the Associate in Science degree, is designed for persons seeking employment in the child care field. Students who plan to pursue a bachelor’s degree in early childhood or elementary education at a four-year college or university should fulfill the Associate in Arts degree requirements for the chosen transfer school.

Certification in First Aid and CPR is also required; this may be obtained through Continuing Education.

A minimum of 63 semester credit hours is needed to graduate with an AS degree in Early Childhood Education from Chipola College.

Electronics Engineering Technology  
*Program Code 2176*

The Electronics Engineering Technology program is a competency-based, self-paced, technical program leading to an Associate in Science degree.

This program uses theories in conjunction with applied technical skills to carry out and support engineering activities and is designed to give students a strong background in digital electronics and modern technology.

Employment opportunities exist with electronic and electrical equipment and manufacturers, the communications industry, electrical service companies/centers, medical laboratories and hospitals, government agencies, power production facilities, research and development laboratories, semiconductor manufacturing and electric/electronic-controlled manufacturing facilities.

A minimum of 68 semester credit hours is needed to graduate with an AS degree in Electronics Engineering Technology from Chipola College.

Fire Science Technology  
*Program Code 2166*

This program is designed for working firefighters who may have already taken a variety of courses. It is intended to meet the Southern Association of Colleges and Schools criteria and to allow officers with prior training and college credit to use that course work in this degree program. Chipola will allow two college credit hours for any completed 40 hour advanced training course and three college credit hours for any completed 45 hour advanced training course, providing the course is listed in the Chipola catalog.

A minimum of 60 semester credit hours is needed to graduate with an AS degree in Fire Science Technology from Chipola College.
Networking Services Technology  
**Program Code 2173**

This program of study focuses on computer systems and network support. The courses cover a broad set of skills and knowledge in computer network administration. Courses emphasize objectives as outlined in recognized industry certification including the CompTIA A+ and Network + certifications, as well as, for the MCSE, Microsoft Certified Systems Engineer. Students who plan to pursue a bachelor’s degree in computer science or management information systems at a four-year college or university should fulfill the Associate of Arts degree requirements for the chosen transfer school.

A minimum of 63 semester credit hours is needed to graduate with an AS degree as a Network Administrator from Chipola College.

Nursing (RN)  
**Program Code 2194**

The Associate Degree Nursing program is a limited enrollment, 72-semester-hour program, approved by the Florida Board of Nursing. This program has special admission, attendance, grading and fee requirements. Refer to the Chipola Nursing Course Syllabi and Nursing Handbook for specifics. A copy is available online on the Chipola website or in Q-229.

Because of the unique responsibilities involved in the delivery of health care services, students seeking admission to this program must meet certain selection and admission criteria. Applicants with the best qualifications will be selected.

Upon successful completion of the prescribed course of study, graduates will receive an Associate in Science Degree in Nursing and will be eligible to take the NCLEX (National Council Licensure Examination) for professional licensure as a registered nurse (RN).

The Nursing program prepares students for first level positions as Registered Nurses. It provides a curriculum of theoretical, simulated learning and clinical study. Academic preparation includes both general education and nursing courses. Students, under the direct guidance of the nursing faculty, actively participate in providing care to carefully selected patients in hospitals and other health care settings. Most nursing courses consist of a theoretical, laboratory and clinical component.

The program receives LPN’s into the third term of the program, enabling them to acquire their ADN in three semesters.

The program also facilitates articulation toward an upper division baccalaureate program in nursing. ADN students will adhere to standards as listed in the Chipola Nursing Student Handbook that comply with the Florida Board of Nursing requirements for written rules and policies. Applicants are advised that if there has been an arrest or conviction for any offense other than a minor traffic violation, the Florida State Board of Nursing has the authority to deny license as a Registered Nurse. Applicants must certify in writing that there is no bar to future licensure in the State of Florida based upon the above provision. Admission to the Nursing program, however, will in no way imply that the Florida Board of Nursing will allow the potential graduate to take the licensing examination.

**This is a limited access, limited enrollment program; request a complete packet of information from the Health Sciences Department, Bldg. Q, Room 229 at 718-2316.**

All courses taken in this Associate in Science degree are transferable to state universities in Florida. An additional 14 hours of specific general education courses, the Gordon Rule, and completion of CLAST and CAAP requirements would be needed to earn an Associate in Arts degree. All common prerequisites must be completed before acceptance into a baccalaureate program.

A minimum of 72 semester credit hours is needed to graduate with an AS degree in Nursing from Chipola College.

Office Administration  
**Program Code 2161**

Effective Fall 2006, this program will not admit new students. Current continuing, returning, and transfer students must complete the program requirements by Summer II 2009. After that time, students must select an alternate program of study.

Certificates are issued for completion of the courses indicated:

*Office Support (12 semester hours) Program Code 5260
+Office Specialist (18 semester hours) Program Code 5264
#Office Management (27 semester hours) Program Code 5292

A minimum of 63 hours is needed to graduate with an AS degree in Office Administration from Chipola College.

Recreation Technology  
**Program Code 2151**

This degree prepares students for employment as recreation leaders, recreation supervisors, group recreation workers or recreation facility attendants. This program would also be beneficial for persons previously or currently employed in the above mentioned occupations. Appropriate courses taken in this Associate in Science degree are transferable to state colleges and universities in Florida. An additional 20 hours of specific general education courses, the Gordon Rule, and completion of CLAST and CAAP requirements would be needed to earn an Associate in Arts degree.

A minimum of 64 semester credit hours is needed to graduate with an AS degree in Recreation Technology from Chipola College.

Telecommunications Engineering Technology  
**Program Code 2180**

This two-year program is designed to train students for employment in the telecommunications industry. Students receive lineman installation training including splicing and activation of cable line (fiber, broad band, co-ax). A strong background in electronics technology is also incorporated into the program.

A minimum of 64 semester credit hours is needed to graduate with an AS degree in Telecommunications Engineering Technology from Chipola.
Associate in Applied Science Degree Programs

The programs of study (curricula) for the Associate in Applied Science degree at Chipola includes many courses that are transferable to Florida colleges and universities. Each AAS degree contains a minimum of 15 hours of general education courses, all of which are transferable. Courses designated [O] in the “course description” section of this catalog may not transfer. Interested students should check with Student Services for additional information and assistance.

Electronics Engineering Technology
Program Code 2476

The Electronics Engineering Technology program is a competency-based, self-paced, technical program leading to an Associate in Applied Science degree.

This program uses theories in conjunction with applied technical skills to carry out and support engineering activities and is designed to give students a strong background in digital electronics and modern technology.

Employment opportunities exist with electronic and electrical equipment and manufacturers, the communications industry, electrical service companies/centers, medical laboratories and hospitals, government agencies, power production facilities, research and development laboratories, semiconductor manufacturing and electric/electronic-controlled manufacturing facilities.

A minimum of 68 semester credit hours is needed to graduate with an AAS degree in Electronic Engineering Technology from Chipola College.

Telecommunications Engineering Technology
Program Code 2480

This two-year program is designed to train students for employment in the telecommunications industry. Students receive lineman installation training including splicing and activation of cable line (fiber, broad band, co-ax). A strong background in electronics technology is also incorporated into the program.

A minimum of 64 semester credit hours is needed to graduate with an AAS degree in Telecommunications Engineering Technology from Chipola College.

College Credit Certificate Programs

Health Sciences Programs

To inquire about any Health Sciences Program, contact Health Sciences at (850) 718-2316, Building Q, Room 209.

Certain programs offered by the Health Sciences Department are limited enrollment programs with special requirements. These are Emergency Medical Technician, Nursing Assistant and Paramedic.

Due to the unique responsibilities involved in the delivery of health care services, students seeking admission to these programs must meet certain selection and admission criteria. Applicants with the best qualifications will be selected.

Furthermore, these programs have special attendance requirements, grading policies, dress codes and fees.

Curricula for these programs are prescribed by the Department of Education’s Program Standards, Florida EMS Division, and the Florida State Board of Nursing.

Licensure to practice is dependent upon passing a state licensing or certification examination.

Applicants are advised that if they have been arrested or convicted of anything other than a minor traffic violation, the certifying or licensing agency may deny licensing or certification.

Dental Assisting Program Code 9097

Articulation Agreement Between Chipola College and Gulf Coast Community College

Chipola College and Gulf Coast Community College have an articulation agreement which allows students to enroll and complete courses at Chipola before transferring to Gulf Coast to complete the program.

Once students are accepted into the program at Gulf Coast they may attend either full or part time in either the regular daytime program or the new IDEA Dental Outreach program. Courses are a combination of Internet, DVD, and evening classes. Schedules may be arranged full-time or part-time and the program may be completed in as little as eleven months.

Interested students should complete the following steps:
1. Contact Health Sciences Department, Chipola College at (850) 718-2316, for program specific information.
2. Complete the Chipola College application process. Applications are available in the Admissions and Records Office.
3. Call Gulf Coast Community College at (850) 747-3244 for testing requirements.
4. Complete basic CPR training. Contact the Continuing Education Office to schedule this training at (850) 718-2297.
5. The following courses may be completed at Chipola before transfer to GCCC: BSC 1005, HUN 1201, SPC 2600, MCB 2010 and 2010L, and BSC 2093 and 2093L.

Interested students may also contact Kim Guilford, DEAL Coordinator, at Gulf Coast Community College at (850) 747-3244.
Emergency Medical Technician  
**Program Code 5279**

This is a limited enrollment program preparing students for employment as ambulance attendants, or emergency medical technicians to function at the basic pre-hospital emergency medical technician level and treat various medical/trauma conditions using appropriate equipment and materials.

The program prepares students for certification as EMT’s in accordance with Chapter 64E-2 of the Florida Administrative Code.

Upon successful completion of EMS 1159C, Emergency Medical Technician, an eleven-semester-hour course, the student will be eligible to take the state certification examination. The curriculum encompasses theory, simulated learning and clinical study.

EMS students will adhere to standards as listed in the Chipola College Emergency Medical Services Student Handbook that complies with the HRS-EMS Requirements for Written Rules and Policies.

**Emergency Medical Course of Study**

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<tr>
<th>Course</th>
<th>Title</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>EMS 1159C</td>
<td>Emergency Medical Technician</td>
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</table>

The course for the Emergency Medical Technician Program is listed in the Course Descriptions section of this catalog.

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**Paramedic  Program Code 5280**

This is a limited enrollment 42 semester hour, certificate program, approved by the Florida Department of Health, Bureau of Emergency Medical Services.

**Paramedic Course of Study**

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<th>Title</th>
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<td>EMS 2621</td>
<td>Paramedic II</td>
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<td>EMS 2622</td>
<td>Paramedic III</td>
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<tr>
<td>EMS 2660L</td>
<td>Paramedic IV</td>
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¹ Prerequisite: Must possess a current Florida EMT Basic Certificate and have successfully completed EMS 1159C, Emergency Medical Technician. Must have a CPT reading score of 83 (or equivalent ACT/SAT score) or eligibility for ENC 1101. Scores may not be more than two years old.

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**Child Care Center Management  Program Code 5297**

For every 20 children in a licensed child care facility, there must be one worker with a Florida Child Care Professional Credential (FCCPC) (formerly known as CDA) or a credential that is equivalent to or greater than the FCCPC.

To receive the approved Children and Family Services FCCPC you must complete four child care training courses. The courses may be taken for academic college credit or clock-hour credit and are offered through the Department of Continuing Education.

**Child Care Center Management Course of Study**

<table>
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<tr>
<td>CHD 1220</td>
<td>Child Growth and Development</td>
<td>(3 college credits or 45 clock-hours)</td>
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<tr>
<td>CHD 2432</td>
<td>Curriculum for Young Children</td>
<td>(3 college credits or 45 clock-hours)</td>
</tr>
<tr>
<td>CHD 1430</td>
<td>Observing and Recording Child Behavior</td>
<td>(3 college credits or 45 clock hours)</td>
</tr>
<tr>
<td>CHD 1941</td>
<td>Early Childhood Internship</td>
<td>(3 college credits or 45 clock-hours)</td>
</tr>
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**Bachelor and Graduate Degrees at the University Center**

**The University Center @ Chipola College**

Chipola’s University Center, in cooperation with several universities, provides access to bachelor’s and graduate degrees on Chipola’s campus and assists students in their efforts to pursue those degrees. University personnel teach all of the classes and the universities award the degrees. University Center programs provide students with a rigorous university experience in the supportive, student-centered atmosphere to which Chipola students are accustomed. University Center students have access to Chipola’s computer labs, library, and other facilities.

The following programs will be offered in 2008-2009. Visit www.chipola.edu/university_center or call (850) 718-2276.

**Florida State University Panama City Campus**

Check the Chipola-University Center website for future offers.

**University of West Florida - Bachelor’s Degree Programs**

**BA in Criminal Justice** – This online degree offers an interdisciplinary, issue-oriented program focusing upon the issues of crime, law enforcement, corrections, and the criminal justice system.  
Coordinator: Rosa Jones  
(850) 474-2496  
rjones@uwf.edu

**BS in Interdisciplinary Information Technology (IIT)** – Online degree: The IIT program prepares learners to assume the role of network, telecommunications, and instructional systems support in distance learning, training, or educational environments. For information contact: Dr. Karen Rasmussen at (850) 474-2300 or email at techrsh@uwf.edu.

**University of West Florida - Graduate Degree Programs**

Masters and Educational Specialist degrees in Educational Leadership with Administrative Certification and Educational Doctorate Degrees. – UWF offers graduate degrees for individuals in education fields.  
Coordinator: Dr. Lou Kind  
(850) 718-2295  
kindl@chipola.edu

**Troy University**

Masters in Counseling and Psychology – Courses are taught in the evenings and on Saturdays on Chipola’s campus. Students must have a Bachelors degree to enroll in the program.  
Coordinator: Amanda Suggs  
(850) 718-2352  
asuggs38007@troy.edu