

PROGRAM MODIFICATION PROPOSAL FORM

Name of Institution: University of South Carolina Sumter

Briefly state the nature of the proposed modification (e.g., adding a new concentration, extending the program to a new site, curriculum change, etc.): Extending existing program to a new site

Current Name of Program (include degree designation and all concentrations, options, and tracks):
A.A. and A.S

Proposed Name of Program (include degree designation and all concentrations, options, and tracks):
N/A

Program Designation:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Associate's Degree | <input type="checkbox"/> Master's Degree |
| <input type="checkbox"/> Bachelor's Degree: 4 Year | <input type="checkbox"/> Specialist |
| <input type="checkbox"/> Bachelor's Degree: 5 Year | <input type="checkbox"/> Doctoral Degree: Research/Scholarship (e.g., Ph.D. and DMA) |
| <input type="checkbox"/> Doctoral Degree: Professional Practice (e.g., Ed.D., D.N.P., J.D., Pharm.D., and M.D.) | |

Does the program currently qualify for supplemental Palmetto Fellows and LIFE Scholarship awards?

- Yes
 No

If No, should the program be considered for supplemental Palmetto Fellows and LIFE Scholarship awards?

- Yes
 No

Proposed Date of Implementation: August 2019
CIP Code: 24.0101 (A.A. and A.S)

Current delivery site(s) and modes: USC Sumter; traditional/face-to-face and distance education delivery

Proposed delivery site(s) and modes: White Knoll High School, 5643 Platt Springs Rd, Lexington, SC 29073

Program Contact Information (name, title, telephone number, and email address):

Dr. Michael E. Sonntag
Palmetto College Campus Dean; USC Sumter
803-938-3826 | sonntagm@uscsumter.edu

Dr. Eric M. Reisenauer
Executive Associate Dean for Academic and Student Affairs; USC Sumter
803-938-3749 | ericr@uscsumter.edu

Background Information

Provide a detailed description of the proposed modification, including target audience, centrality to institutional mission, and relation to strategic plan.

The primary mission of the University of South Carolina is the education of the state's diverse citizens through teaching, research, creative activity, and service. Founded in 1801, the USC system is the largest university in the state, serving more than 50,000 students from its flagship Columbia campus, three comprehensive campuses (Aiken, Beaufort, and Upstate), and four regional campuses (Lancaster, Salkehatchie, Sumter, and Union).

The University of South Carolina Sumter, a regional campus of the University of South Carolina, has as its mission to provide higher education and intellectual leadership to its service area, which includes Sumter, Clarendon, Lee, Williamsburg, and Kershaw Counties. Its mission and vision statements were approved by the University's Board of Trustees in June 2016:

https://www.sc.edu/about/system_and_campuses/sumter/about/mission_and_vision/index.php

To better serve constituents in the adjacent communities in Lexington County, USC Sumter seeks the establishment of an educational site in Lexington, SC. The physical address of the site is 5643 Platt Springs Rd, Lexington, SC 29073. USC Sumter has offered dual enrollment courses in the Richland County and Lexington County for several years. We currently have programs at Cardinal Newman High School, Ridge View High School, Lexington High School, Pelion High School, and River Bluff High School. These programs have all been established at the invitation of high school officials and/or district superintendents. While Richland County and Lexington County have been traditionally served by USC Columbia, at this point USC Columbia is not offering dual enrollment opportunities.

Current course offerings at the site comprise less than 50% of courses applicable towards an associate degree. Instructional methods employed for these courses consist of traditional in-class, on-site, and online instruction, with USC-approved faculty members teaching the classes.

Population growth and demographic changes within the target population have led to a demonstrated demand for additional courses at the site. In order to be able to meet its mission of serving these students, USC Sumter is seeking approval from the South Carolina Commission on Higher Education to offer courses for its associate degrees at the White Knoll High School site (5643 Platt Springs Rd, Lexington, SC 29073).

Assessment of Need

Provide an assessment of the need for the program modification for the institution, the state, the region, and beyond, if applicable.

South Carolina adults are, by and large, undereducated. According to recent statistics, only 25.1% of South Carolinians earn a bachelor's, graduate, or other professional degree, approximately 5% below the national average. <https://statisticalatlas.com/state/South-Carolina/Educational-Attainment>

Lexington County's overall population grew by 10.8% from 2010 to 2017. During this same time span, the population of persons under 18 years of age grew by 23.4%. This growing population underscores the need for the site in Lexington County and is the primary reason for the request to offer courses required for an associate degree at the White Knoll High School site.

<https://www.census.gov/quickfacts/fact/table/lexingtoncountysouthcarolina>

Expansion of these course offerings will enable USC Sumter to offer more options for high performing students who are identified as eligible to enroll in college programs.

Transfer and Articulation

Identify any special articulation agreements for the modified proposed program. Provide the articulation agreement or Memorandum of Agreement/Understanding.

Currently, all USC Sumter associate’s degrees are approved by the SC Commission on Higher Education and the Southern Association of Colleges & Schools Commission on Colleges (SACSCOC). Credits awarded towards these degrees are transferable to any institution which accepts transfer credit from the University of South Carolina.

Description of the Program

This is a dual enrollment program offering students the opportunity to earn up to 24 credit hours over two years. There are no plans to offer the complete AA or AS degree at this site. The courses will be largely derived from the University of South Carolina’s Carolina Core catalog and will be applicable to USC Sumter’s Associate of Arts, Associate of Science, and USC Columbia’s bachelor’s degrees. USC Sumter was invited by Lexington One Superintendent and White Knoll administration to begin offering USC courses at their site, beginning Fall 2019. This program is governed by semester-long contracts, which detail course offerings and financial support. This new location will enable USC Sumter (and USC in general) to better serve students and to meet community needs in a rapidly-growing area of the state.

Projected Enrollment						
Year	Fall Headcount		Spring Headcount		Summer Headcount	
	New	Total	New	Total	New	Total
2018-19	0	0	0	0	0	0
2019-20	70	70	0	70	0	0
2020-21	35	70	0	70	0	0
2021-22	35	70	0	70	0	0
2022-23	35	70	0	70	0	0

Explain how the enrollment projections were calculated.

This is a dual enrollment program for high-achieving juniors and seniors. This is a projection based on current enrollment in our other Lexington sites, as well as guidance counselor estimates. The headcount number is subject to change each semester based on interest and course offerings.

Curriculum

Attach a curriculum sheet identifying the courses required for the program. See Appendix A. No changes to degree curricula are necessary to implement this program change.

Curriculum Changes

Courses Eliminated from Program	Courses Added to Program	Core Courses Modified
N/A	N/A	N/A

Specific course offerings at this site will likely vary from semester to semester based on student interest and faculty availability. Courses will be largely offered that carry Carolina Core designation. All courses, whether Carolina Core or not, will be applicable to USC Sumter’s A.A. and A.S. degrees, and most USC Columbia degrees as either major or elective requirements.

New Courses

List and provide course descriptions for new courses.

No new courses are necessary to implement this program change.

Similar Programs in South Carolina offered by Public and Independent Institutions

Identify the similar programs offered and describe the similarities and differences for each program.

This proposal does not seek to create any new degree programs but rather is designed to make existing associate degree programs available in a rapidly-growing county adjacent to the USC Sumter service area.

The AA and AS degrees are offered at each of USC’s Palmetto College Campuses (Lancaster, Salkehatchie, Sumter, Union, and Extended University).

Program Name and Designation	Total Credit Hours	Institution	Similarities	Differences

Midlands Technical College offers similar dual enrollment opportunities in the Lexington County area. USC Sumter has been invited by the school officials to offer its program as an additional choice for area students. The program is not anticipated or intended to replace the Midlands Technical College dual enrollment program.

Faculty

State whether new faculty, staff or administrative personnel are needed to implement the program modification; if so, discuss the plan and timeline for hiring the personnel. Provide a brief explanation of any personnel reassignment as a result of the proposed program modification.

No additional full-time faculty will be required to implement the program. Adjunct and affiliate faculty will be hired as needed. All adjunct and affiliate faculty will be approved by the home department of USC Columbia for their discipline. Each faculty member will be expected to meet minimum SACS requirements for faculty appointments, namely an earned master's degree from a regionally accredited college or university, and a minimum of 18 graduate hours in the discipline being taught. All adjunct and affiliate faculty will be supervised through the appropriate Division at the University of South Carolina Sumter. Academic policies, faculty expectations, and mentoring resources will be communicated to each faculty member through their division.

Resources

Identify new library, instructional equipment and facilities needed to support the modified program.

Library Resources: No new library resources will be needed to serve this new location. Anderson Library at USC Sumter was established to support “the curricular, scholarly, and pedagogical needs of USC Sumter students, faculty, and staff.” Two tenured faculty librarians and one staff librarian ensure access to library resources and books both in hard copy and electronic formats. Librarian contact information is readily available on the Anderson Library main page: https://www.sc.edu/about/system_and_campuses/sumter/experience/library/index.php

The physical library is approximately one hour and fifteen minutes from the White Knoll High School location. Students will be able to request materials from PASCAL and Interlibrary Loan and place physical materials on hold at Anderson Library. Their pick-up location will be Anderson Library and they will need to come to the library with their Carolina Card to check materials out. Access to the library's holdings is easily accessible off site. The library's electronic card catalog is available here: <http://libcat.csd.sc.edu/>

Similarly, Anderson Library makes available a wide array of resources through the internet. A selection of databases to which Anderson Library subscribes and which support the academic areas of study at USC Sumter can be found at this link:
https://www.sc.edu/about/system_and_campuses/sumter/experience/library/research_databases/index.php

Many services are made available to faculty, staff, and students including Inter-Library Loan, PASCAL Delivers, and the Library of Things. Other services can be found here: https://www.sc.edu/about/system_and_campuses/sumter/experience/library/services/index.php

Equipment: White Knoll High School has most of the required equipment and technology to initially support this program extension. Although no major equipment purchases are anticipated to get the program off the ground, small items may be obtained to support individual disciplines as the program evolves. Such small items might include laptop computers, printers, projectors, screens, document cameras, and consumable items such as dry erase markers, copy/printer paper, and other incidental office supplies. Small purchases will be absorbed into the proposed budget for this site and other existing campus budgets such as the IT budget. As enrollments and space requirements grow, unique needs such as supplies for art classes or science classes will be identified and added to the annual operating budget.

Facilities: Furniture and office supplies will be supplied by White Knoll High School.

Impact on Existing Programs

Will the proposed program impact existing degree programs or services at the institution (e.g., course offerings or enrollment)? If yes, explain

Yes

No

Financial Support

Estimated Sources of Financing for the New Costs						
Category	1st	2nd	3rd	4th	5th	Total
Tuition Funding*	0	79,800	79,800	79,800	79,800	319,200
Program-Specific Fees	0	0	0	0	0	0
Special State Appropriation	0	0	0	0	0	0
Reallocation of Existing Funds	0	0	0	0	0	0
Federal, Grant, or Other Funding	0	0	0	0	0	0
Total	0	79,800	79,800	79,800	79,800	319,200
Estimated New Costs by Year						
Category	1st	2nd	3rd	4th	5th	Total
Program Administration and Faculty and Staff Salaries **	0	33,600	33,600	33,600	33,600	134,400
Facilities, Equipment, Supplies, and Materials	0	0	0	0	0	0
Library Resources	0	0	0	0	0	0
Other (specify)	0	0	0	0	0	0
Total	0	33,600	33,600	33,600	33,600	134,400
Net Total (i.e., Sources of Financing Minus Estimated New Costs)	0	46,200	46,200	46,200	46,200	184,800

* Tuition Funding based on LTAP funding of \$95.00 per credit hour and an average enrollment of 12 credit hours per student, per year

**Estimated faculty costs based on 70% Adjunct / 30% Affiliate

Provide a brief explanation for all new costs and sources of financing identified in the Financial Support table.

All new costs of delivering this program to the new site will be funded through tuition revenue generated from new students attending at the location, as outlined above. USC Sumter will price these courses in line with the SC Lottery Tuition Assistance Program rates. Any student wishing to take below the minimum of six hours required by LTAP will pay the tuition out of pocket. All students meeting the minimum LTAP enrollment requirement will have their tuition covered through financial aid. Expenses will consist primarily of faculty salaries. The model used for this proposal anticipates 70% of the faculty being adjuncts, compensated by USC Sumter at the rate of \$1,000.00 per credit/contact hour. Affiliate faculty are compensated by their home district and therefore incur no expense to USC Sumter.

Evaluation and Assessment

Program Objectives	Student Learning Outcomes Aligned to Program Objectives	Methods of Assessment
1) Effective Communication Through Writing	Students must be able to identify and analyze issues, develop logical and persuasive arguments, and communicate ideas clearly for a variety of audiences and purposes through writing and speaking.	This is a Carolina Core principle that is assessed with the CMW (effective, engaged, and persuasive communication: written component) rubric.
2) Aesthetic and Interpretive Understanding	Students must be able to create or interpret literary, visual or performing arts.	This is a Carolina Core principle that is assessed with the AIU (aesthetic and interpretive understanding) rubric.
3) Analytical Reasoning and Problem Solving	Students must be able to apply the methods of mathematical, statistical, or analytical reasoning to critically evaluate data, solve problems, and effectively communicate findings verbally and graphically.	This is a Carolina Core principle that is assessed with the ARP (analytical reasoning and problem-solving) rubric.
4) Global Citizenship and Historical Thinking	Students must be able to use the principles of historical thinking to understand past human societies.	This is a Carolina Core principle that is assessed with the GHS (global citizenship and multicultural understanding: historical thinking) rubric.
5) Global Citizenship and Multicultural Understanding	Students must be able to use the principles of the social sciences to explore diverse cultural identities and to analyze political and environmental issues.	This is a Carolina Core principle that is assessed with the GSS (global citizenship and multicultural understanding: social sciences) rubric.
6) Values, Ethics, and Social Responsibilities	Students must be able to examine different kinds of social and personal values, analyzing the ways in which these are manifested in communities as well as individual lives.	This is a Carolina Core principle that is assessed with the VSR (values, ethics, and social responsibility) rubric.

As a Palmetto College campus, USC Sumter participates fully in the assessment endeavors of the University of South Carolina. There will be no new program offerings at the proposed White Knoll High School site. However, all courses taught there will be subject to the same review and assessment procedures of those taught on the current campus. See Appendix C for details on assessment process and timeline.

All USC Sumter courses conduct student evaluations at the end of each semester. The results of these courses are compiled and shared with the faculty member, the appropriate departmental chair, and the Executive Associate Dean for Academic & Student Affairs. These results are then used for annual peer and administrative evaluation of the faculty member.

Because the general AA and AS degree programs are awarded on all Palmetto College campuses, and because the degrees comprise the bulk of the University's Carolina Core, assessment is coordinated centrally by the Office of the Associate Provost for Palmetto College Campuses.

The Palmetto College Specialty Team/Assessment Committee, which consists of representatives from each Palmetto College campus and unit, meets regularly and identifies those courses which have been designated as meeting specific Carolina Core outcomes. As the follow chart indicates, the assessment of all outcomes is accomplished over a three-semester period:

CC Outcome	Fall 2018 (Even Years)	Spring 2019 (Odd Years)	Fall 2019 (Odd Years)
AIU – Aesthetic & Interpretative Understanding		X	
ARP – Analytical Reasoning & Problem Solving	X		
CMS – Effective Engaged & Persuasive Communication: Spoken Component			X
CMW – Effective Engaged & Persuasive Communication: Written Component			X
GFL – Global Citizenship & Multicultural Understanding: Foreign Language		X	
GHS – Global Citizenship & Multicultural Understanding: Historical Thinking	X		
GSS – Global Citizenship & Multicultural Understanding: Social Sciences	X		
INF – Information Literacy			X
SCI – Scientific Literacy			X
VSR – Values, Ethics, & Social Responsibility		X	

Artifacts (i.e., assignments which demonstrate a designated learning outcome) are collected from courses in the selected Core Outcome Group. Specialty team members from the PC campuses then review the artifacts and score them by using an assessment rubric. Results of the scoring are compiled and shared with faculty (or department/division chairs, as appropriate) for use in making modifications or improvements to the curriculum.

Will any the proposed modification impact the way the program is evaluated and assessed? If yes, explain.

Yes

No

Will the proposed modification affect or result in program-specific accreditation? If yes, explain; and, if the modification will result in the program seeking program-specific accreditation, provide the institution's plans to seek accreditation, including the expected timeline.

Yes

No

Will the proposed modification affect or lead to licensure or certification? If yes, identify the licensure or certification.

Yes

No

Explain how the program will prepare students for this licensure or certification.

If the program is an Educator Preparation Program, does the proposed certification area require national recognition from a Specialized Professional Association (SPA)? If yes, describe the institution's plans to seek national recognition, including the expected timeline.

Yes

No

Appendix A – Curriculum

Associate in Arts (A.A.)

Course Requirements

(The most common Lancaster campus options are listed below; additional approved courses in each category may be found at the Carolina Core website. <http://www.sc.edu/carolinacore/courses.php>)

ENGL 101	3	
ENGL 102	3	
3 hours of Math, Computer Science, Statistics, or Logic, chosen from among the following courses or any approved ARP courses: MATH 111i, MATH 111, MATH 115, MATH 122, MATH 141, MATH 142, MATH 170, MATH 172, STAT 110, STAT 112, STAT 201, STAT 205, CSCE 101, CSCE 102, CSCE 145, PHIL 114 (previously PHIL 110).		
	3-4	
7 hours total of lab science, (including at least one associated laboratory course) chosen from among approved SCI courses: BIOL 110, BIOL 120(L), BIOL 206, BIOL 243(L), BIOL 244(L), BIOL 270(L), BIOL 101(L), BIOL 102(L), CHEM 102, CHEM 105, CHEM 111, ENVR 101(L), GEOG 202, GEOL 101, GEOL 103, GEOL 110, MSCI 101, MSCI 102, MSCI 210(L), MSCI 215(L), PHYS 201(L), PHYS 202(L), PHYS 211(L), PHYS 212(L).		
Foreign Language course at the 109 level or higher, or a score of 2 on any foreign language placement test.		
3 hours chosen from among approved GHS courses: HIST 101, HIST 102, HIST 104, HIST 108, HIST 109, HIST 111, HIST 112.		
	3	
6 hours chosen from among approved GSS courses: AFAM 201, ANTH 101, ANTH 102, CRJU 101, GEOG 103, POLI 101, POLI 201, PSYC 101, SOCY 101, WGST 112.		
	3	
	3	
6 hours chosen from among approved AIU courses: ARTE 101, ARTH 105, ARTH 106, ARTS 103, ARTS 104, ENGL 270, ENGL 282, ENGL 283, ENGL 284, ENGL 285, ENGL 286, ENGL 287, ENGL 288, FILM 180, FILM 240, MUSC 110, MUSC 140, THEA 170, THEA 200.		
	3	
	3	
3 hours chosen from CMS, INF or VSR courses (may not be a course used above): SPCH 140, STAT 112, HIST 108, PHIL 211, PHIL 320, POLI 201, BIOL 208, WGST 112, RELG 205.		
Students must have a cumulative GPA of 2.0 on USC coursework and must have at least 15 hours of coursework from the home campus.		
Note: Completion of this degree plan will satisfy at least 25 hours of the Carolina Core: 6 hours CMW, 7 hours SCI, 3 hours GFL, 3 hours GHS, 3 hours GSS, 3 hours AIU, and 3 hours from CMS, INF, or VSR.		

Course Requirements

(The most common Lancaster campus options are listed below; additional approved courses in each category may be found at the Carolina Core website. <http://www.sc.edu/carolinacore/courses.php>)

ENGL 101	3	
ENGL 102	3	
6 hours of Math, Computer Science, Statistics, or Logic, chosen from among the following courses or any approved ARP courses: MATH 111i, MATH 111, MATH 112, MATH 115, MATH 122, MATH 141, MATH 142, MATH 170, MATH 172, STAT 110, STAT 112, STAT 201, STAT 205, CSCE 101, CSCE 102, CSCE 145, PHIL 114 (previously PHIL 110).		
8 hours total of lab science, (including at least two associated laboratory courses) chosen from among approved SCI courses: BIOL 110, BIOL 120(L), BIOL 208, BIOL 243(L), BIOL 244(L), BIOL 270(L), BIOL 101(L), BIOL 102(L), CHEM 101, CHEM 102, CHEM 105, CHEM 111, ENVR 101(L), GEOG 202, GEOL 101, GEOL 103, GEOL 110, MSC1 101, MSC1 102, MSC1 210(L), MSC1 215(L), PHYS 201(L), PHYS 202(L), PHYS 211(L), PHYS 212(L)		
Foreign Language course at the 109 level or higher, or a score of 2 on any foreign language placement test.		
3 hours chosen from among approved GHS courses: HIST 101, HIST 102, HIST 104, HIST 108, HIST 109, HIST 111, HIST 112		
	3	
6 hours chosen from among approved GSS courses: AFAM 201, ANTH 101, ANTH 102, CRJU 101, GEOG 103, POLI 101, POLI 201, PSYC 101, SOCY 101, WGST 112		
	3	
	3	
3 hours chosen from among approved AIU courses: ARTE 101, ARTE 260, ARTH 105, ARTH 106, ARTS 103, ARTS 104, ARTS 210, ENGL 270, ENGL 282, ENGL 283, ENGL 284, ENGL 285, ENGL 286, ENGL 287, ENGL 288, FILM 180, FILM 240, MUSC 110, MUSC 140, THEA 170, THEA 200		
	3	
3 hours chosen from CMS, INF or VSR courses (may not be a course used above): SPCH 140, STAT 112, HIST 108, PHIL 211, PHIL 103, PHIL 320, POLI 201, BIOL 208, WGST 112, RELG 205.		
	3	
Additional elective credit to meet 60 hours total. No more than 3 hours of PEDU courses may be included.		
Students must have a cumulative GPA of 2.0 on USC coursework and must have at least 15 hours of coursework from the home campus.		
Note: Completion of this degree plan will satisfy at least 25 hours of the Carolina Core: 6 hours CMW, 7 hours SCI, 3 hours GFL, 3 hours GHS, 3 hours GSS, 3 hours AIU, and 3 hours from CMS, INF, or VSR.		

Appendix B—Shared use of a K-12 facility

USC Sumter will begin by using the White Knoll High School building as an extension location for college course instruction. At all times both now and in the future, USC Sumter faculty, site administrators, and assistants associated with the White Knoll High School Location will conduct all official USC Sumter instruction and business including the handling of student records and other protected information using our University systems and equipment (hardware and software) thus insuring FERPA privacy and other protections for USC Sumter students.

All USC Sumter faculty and staff undergo background checks at their time of hire per policy to help ensure the safety and security of the general operations of our campus. USC Sumter officials will work regularly and closely with the administrators of the Lexington County School District One and White Knoll High School to ensure mutual protection of information related to all students.

Appendix C—Assessment Details

Palmetto College Curriculum Alignment Matrix

		ENGL 101	ENGL 102	MATH 111	ARTE 101 ARTH 105 ARTH 106 ENGL 283 ENGL 285 MART 110 MUJC 110	CSCE 101 CSCE 102 MATH 122 STAT 201	SPCH 140	PHIL 211 POLI 201	SPAN 109 SPAN 110 SPAN 121 SPAN 122	HIST 101 HIST 102 HIST 111 HIST 112	CRJU 101 POLI 201 PSYC 101 SOCY 101	BIOL 101/L BIOL 110 BIOL 243/L BIOL 244/L CHEM 101 CHEM 102
Goal 1: Interpret- Interpret different kinds of information: Students will be able to interpret art, data, written works, and verbal arguments.												
Learning Outcomes	AIU: Students will be able to create or interpret literary, visual or performing arts.				X							
	ARP: Student will be able to apply the methods of mathematics, statistics, or analytical reasoning to critically evaluate data, solve problems, and effectively communicate findings verbally and graphically.					X						
	CMW: Students will be able to identify and analyze issues, develop logical and persuasive arguments, and communicate ideas clearly for a variety of audiences and purposes through writing.	X	X									
	CMS: Students will be able to identify and analyze issues, develop logical and persuasive arguments, and communicate ideas clearly for a variety of audiences and purposes through speaking.						X					
	INF: Students will be able to collect, manage and evaluate information using technology and communicate findings.	X										
VSR: Students will be able to examine different kinds of social and personal values, analyzing the ways in which these are manifested in communities as well as individual lives.							X					
Goal 2: Communicate- Communicate information: Students will be able to communicate effectively through speech and writing including graphical depictions and communicate effectively in another language.												
Learning Outcomes	ARP: Student will be able to apply the methods of mathematics, statistics, or analytical reasoning to critically evaluate data, solve problems, and effectively communicate findings verbally and graphically.					X						
	CMW: Students will be able to identify and analyze issues, develop logical and persuasive arguments, and communicate ideas clearly for a variety of audiences and purposes through writing.	X	X									
	CMS: Students will be able to identify and analyze issues, develop logical and persuasive arguments, and communicate ideas clearly for a variety of audiences and purposes through speaking.						X					
	GFL: Students will be able to communicate effectively in more than one language.								X			
	INF: Students will be able to collect, manage and evaluate information using technology and communicate findings.	X										
Goal 3: Analyze- Use different methods for analyses: Students will be able to use the methods of math and statistics, historical thinking, social sciences and natural sciences to analyze problems and issues.												
Learning Outcomes	ARP: Student will be able to apply the methods of mathematics, statistics, or analytical reasoning to critically evaluate data, solve problems, and effectively communicate findings verbally and graphically.					X						
	GHS: Students will be able to use the principles of historical thinking to assess the relationships between modern societies and their historical roots.									X		
	GSS: Students will be able to use the principles of the social sciences to explore diverse cultural identifies and to analyze political and environmental issues.										X	
	SCI: Students will be able to apply the principles and language of the natural sciences and associated technologies to historical and contemporary issues.											X
	VSR: Students will be able to examine different kinds of social and personal values, analyzing the ways in which these are manifested in communities as well as individual lives.							X				
MATH 111: Basic college algebra; linear and quadratic equations, inequalities, functions and graphs of functions, exponential and logarithm functions, systems of equations.			X									

Palmetto College AA/AS Degree Program Assessment Process (With Hardcopy Rubrics)

