

<p style="text-align: center;">NORTHWEST FLORIDA STATE COLLEGE SUMMARY OF 2007-08 PROGRAM AND STUDENT OUTCOMES FOLLOW-UP</p>
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Levels of Review

Program level reviews assess the degree to which the mission and goals of the program, function, service, or activity were met during the review period. Recommendations reflect a continuous improvement perspective.

Student level reviews assess the degree to which the students have achieved the learning outcomes established for the program/subject area. Recommendations reflect efforts to improve mastery at the individual student level.

Organization of the Summary

The summary is organized in five sections.

- I. The Baccalaureate, AS, AAS and Certificate programs are reviewed at two levels: program and student
- II. Selected subject areas from the State of Florida Common Prerequisites Manual most applicable to NWFSC students are reviewed at two levels: program and student
- III. The AA program and general education are reviewed at two levels: program and student; the general education subject areas, which are reviewed at both levels, provide the student learning outcomes for the AA program
- IV. Elective Classes are reviewed as “subject areas” at the program level; student learning outcomes for elective credit courses are reviewed at the individual course level within the appropriate division/department
- V. Instructional locations, support services, and activities are reviewed at the program level only

SECTIONS I AND II			
BAS, BSN, AS, AAS AND CERTIFICATE PROGRAMS AND COMMON PREREQUISITE SUBJECT AREAS			
AA to BA with University of West Florida			
Program Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)	Original Recommendations for Follow-up to SLO Results	Follow-up Actions, Enhancement Initiatives Conducted in(2007-2009)
<ul style="list-style-type: none"> ◆ Restructure the program in the summer of 2008 	Program/agreement dissolved; students can pursue NWFSC baccalaureate options and/or revised UWF curricula available in Okaloosa County		
Bachelor of Applied Science (BAS)			
Program Level Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives conducted in (2007-2009)	Original Recommendations for Follow-up to SLO Results	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)
<ul style="list-style-type: none"> ◆ Increase staffing in general business ◆ Supply classrooms with dedicated computer and audio-visual equipment ◆ Develop objective method to measure employment and success rates for graduates 	<ul style="list-style-type: none"> ◆ Hired Business Division Chair who will also teach BAS Business courses ◆ BAS moved to Building "P" with two computer classrooms and audio-visual equipment in all the other classrooms ◆ The employment and job success rates are maintained manually. As the number of graduates increase a more feasible method will be determined 	<p>SLO 1 Follow-up</p> <p>Increase oral communication learning activities in selected classes</p> <p>SLO 2 Follow-up</p> <p>Develop out-of-class review/support opportunities for accounting students</p>	<ul style="list-style-type: none"> • Incorporated presentation requirement in MAN 3120 • Redesigned presentation evaluation form and criteria for use by all BAS instructors • Hired additional BAS tutors for the ASC • New BAS faculty are developing review modules to post online and place in the ASC

<ul style="list-style-type: none"> ◆ Develop upper division dedicated job placement services ◆ Find dedicated BAS classroom ◆ Develop on-line electronic degree audit 	<ul style="list-style-type: none"> ◆ The College's Career Resource Center is available for the BAS graduates; students have access to various military/DoD jobs and internships 	SLO 3 Follow-up Enhance team-building and interpersonal learning	<ul style="list-style-type: none"> • Shifted MAN 3120 to core for most areas of emphasis • Added two additional case/simulation activities to MAN 3120 and to GEB 3213
		SLO 4 Follow-up Continue to track outcomes for trends as data is not definitive Consider revised data collection and/or assessment mechanisms to better gauge student achievement	<ul style="list-style-type: none"> ▪ BAS faculty are researching a revised benchmark and assessment methods, as well as re-evaluating the course sequencing pre-requisites during 2009-11

Bachelor's of Science in Nursing (BSN)

Program Level Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)	Original Recommendations for Follow-up to SLO Results	Follow-up Actions, Enhancement Initiatives Conducted (2007-2009)
<ul style="list-style-type: none"> ▪ Write curriculum to meet state, regional, and national accrediting requirements ▪ Support curriculum (e.g. student/staff ratios, teaching methods such as simulation& other innovative approaches; hiring superlative faulty, etc.) 	<ul style="list-style-type: none"> ▪ Curriculum approved by Nursing Advisory Council (NAC), NWFSC Curriculum Committee and reviewed by national accrediting body. ▪ Student/staff ratios supported through simulation activities ▪ Commission of Collegiate Nursing Education Accreditation document completed in August and visit from 	SLO 1 Follow-up Develop in-class strategies to raise performance level to meet benchmark Implement technology (D2L, etc.) for student entering program	<ul style="list-style-type: none"> ▪ Presentation by NWFSC Research Librarian now incorporated into selected classes ▪ Program orientation enhanced to include hands-on training for students in use of technology associated with online courses.

<ul style="list-style-type: none"> ▪ Work with regional and national accrediting bodies toward accreditation of the program ▪ Maintain placement rates of graduates to at least 90% ▪ Hire additional faculty needed to support program growth ▪ Recruit additional associate faculty members ▪ Develop long range plan for future program growth to include faculty office space, equipment, instructional faculty, and advisory staff/faculty ▪ Continue to local and provide exceptional resources useful and adaptable to the online format 	<p>CCNE completed without recommendations. Accreditation received in May 2009</p> <ul style="list-style-type: none"> ▪ In addition to adjunct faculty for Perioperative course, expert in critical care nursing will teach a course in that field summer 09 and another expert in pathophysiology will teach a course in clinical pathophysiology fall 09. ▪ Faculty advising training completed ▪ Work closely with Learning Technologies, students, & NAC to further determine which resources are most useful. 	<p>SLO 2 Follow-up</p> <p>Re-evaluate online clinical log procedure to reduce success barriers</p>	<ul style="list-style-type: none"> ▪ Revised class presentation of clinical log procedure ▪ Clinical log activity within D2L revised in format and structure
		<p>SLO 3 Follow-up</p> <ul style="list-style-type: none"> ▪ Develop strategies to raise performance level to meet benchmark ▪ Increase student assessment/feedback activities 	<ul style="list-style-type: none"> ▪ Faculty revised course structure to improve assessment and student feedback; new format includes three Interview assignments and exams ---One adult, one adolescent, and one child
		<p>SLO 4 Follow-up</p> <p>(Benchmark met)</p> <ul style="list-style-type: none"> ▪ Consider using successful learning strategies from this SLO to improve other student outcomes 	<ul style="list-style-type: none"> ▪ Successful critique activity expanded and under consideration for other courses

Business Degrees and Certificates (All)			
Program Level Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)	Original Recommendations for Follow-up to SLO Results	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)
<ul style="list-style-type: none"> ▪ Identify and monitor program enrollments and graduation rates in all Business programs ▪ Develop specific marketing plan to increase program enrollments in Business areas where needed ▪ Enhance relationship with OWC Career Resource Center to ensure local job opportunities are easily accessible to students ▪ Expand distance learning and blended class options for selected Business courses ▪ Expand internship opportunities to students pursuing Programs of Study in the Business area 	<ul style="list-style-type: none"> ▪ Program enrollments and graduation rate have been closely monitored in all Business programs. Enrollments are up in all areas of Business. Graduation rates in all Business AS, AAS, and certificate programs remain constant ▪ Updated flyers for all Business programs were printed and distributed to all college campuses and centers. ▪ Expanded local job openings announced at the Career Center; two job fairs – one in Niceville and one in Crestview included more than 100 employer participants ▪ New blended classes in Accounting, Management, and Intro. to Business were offered. In addition, a distance learning class in QuickBooks was established ▪ Strategies to encourage enrollment in internships resulted in an increase of 25% over last year. 	<ul style="list-style-type: none"> ▪ Due to changing faculty and department chairs over the last three years, SLO data is incomplete and inconsistent. ▪ Business faculty will re-evaluate data collection methods, and pursue common student success strategies across all programs. <p>For the immediate future, department will continue to focus on program follow-up items</p>	<p>Faculty and the new Business Division Chair have developed enhancement initiatives for all Business Division degrees for implementation 2009-11.</p> <p>Initiatives include:</p> <ul style="list-style-type: none"> ▪ Increasing class practice set activities where benchmarks are not met. ▪ Adding additional review activities. ▪ Adding additional class quizzes. ▪ Providing additional resources for assistance ▪ Adding homework assignments that reinforce skills. ▪ Creating additional review and reinforcement options in troublesome topic areas

Certificate/ATD (General review of program type)			
Program Level Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)	Original Recommendations for Follow-up to SLO Results	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)
<ul style="list-style-type: none"> ▪ Develop certificate specific marketing plan to increase enrollments ▪ Increase coordination with the Career Resource Center to track student placements ▪ Evaluate software updates in order to keep programs current 	<ul style="list-style-type: none"> • Additional program flyers developed for selected certificate programs (e.g. medical coder, paramedic) • Career Fair participants expanded to include employers seeking certificate level students as future employees • Software acquired for EMT/Paramedic students 	N/A	
Medical Coder/Specialist			
Program Level Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Action, Enhancement Initiatives Conducted in (2007-2009)	Original Recommendations for Follow-up to SLO Results	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)
<ul style="list-style-type: none"> ▪ Develop specific marketing plan to increase program enrollments ▪ To monitor program offerings to insure they are aligned with employers' needs ▪ Continue to track students upon completion/graduation through 	<ul style="list-style-type: none"> ▪ Updated flyers have been printed and distributed; specific ads placed in the Schedule of Classes during the past year ▪ All instructors now meet once per year with the Business Division Director to insure course offerings are aligned with employers' needs 	SLO 1 Follow-up <ul style="list-style-type: none"> ▪ Enhance learning activities in medical vocabulary ▪ Increase use of technology and other software options to strengthen student experiences 	<ul style="list-style-type: none"> ▪ Additional class activities were added to the course covering medical vocabulary ▪ In class quizzes were added to test knowledge of medical vocabulary – especially for body systems.

<p>student surveys and employer surveys</p> <ul style="list-style-type: none"> Recruit additional associate faculty members for the program Evaluate program scheduling patterns to maximize enrollments 	<ul style="list-style-type: none"> One new associate faculty member has been recruited . The search continues to hire additional faculty members for the program Classes for the program are now scheduled 99% during nights and weekends to accommodate students who are employed. Most coding classes have had enrollment of at least 18 students during the past three semesters. 	<p>SLO 2 Follow-up (Benchmark met)</p> <p>Consider using learning strategies from this SLO to help other areas.</p>	<p>N/A</p>
		<p>SLO 3 Follow-up</p> <ul style="list-style-type: none"> Implement strategies to ensure lack of student technology skills do not limit student success with content Enhance learning activities related to research 	<ul style="list-style-type: none"> Provided additional resources for article research Added practice exercises for Distance Learning homework Revised exam to more clearly assess material covered in class.
		<p>SLO 4 Follow-up (Benchmark met)</p> <p>Monitor to ensure continued performance and validate benchmark</p>	<p>N/A</p>
Dental Assisting			
Program Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)	Original Recommendations for Follow-up to SLO Results	Follow-up Actions and Initiatives Conducted in (2007-2009)
<ul style="list-style-type: none"> Seek to improve technology in Radiology to keep pace with community needs and national (DANB) certification changes Continue to replace donated 	<ul style="list-style-type: none"> Program has acquired a Scan-X Digital Radiography machine with the software. Electric hand pieces have been replaced; four donated dental chairs 	<p>SLO 1 (a) – (c) Follow-up</p> <p>All Benchmarks met</p> <p>Monitor future semesters to insure performance stability</p>	<p>N/A</p>

<p>equipment over a 3-5 year period as funds permit</p> <ul style="list-style-type: none"> ▪ Monitor lab fees for possible increases for supply acquisitions as enrollments increase and the use of expendable supplies increases ▪ Recruit additional associate faculty to make program class times to meet student needs ▪ Continue to support curriculum revisions as needed to improve admissions as well as retention rates ▪ Continue aggressive program marketing and recruitment strategies 	<p>have been replaced ; five donated dental lights have been replaced and five assistant swing arms have been replaced.</p> <ul style="list-style-type: none"> ▪ The operating budget and lab fees for the program have been adjusted to support student use of expendable supplies. ▪ One additional associate faculty person has been identified. However, flexibility with class- times continues to be an issue to revisit ▪ Web supplemented instruction now added to three courses. 	<p>SLO 2 (a) Follow-up (Benchmark met)</p> <p>Monitor future semesters to insure performance stability</p>	N/A
		<p>SLO 2(b) Follow-up</p> <p>Implement new classroom activities to improve student performance on infection control</p>	<ul style="list-style-type: none"> • Additional infection Control Review exercises have been added to classroom activities.
		<p>SLO 2 (c) Follow-up</p> <p>Add class activities to reinforce skills</p>	<ul style="list-style-type: none"> • Clinical activities have been revised to include specific development of infection control competencies
		<p>SLO 3 (a) Follow-up</p> <p>Develop additional learning activities to reinforce competencies in this area</p>	<ul style="list-style-type: none"> ◆ In-class practice exercises (e.g. simulations, student demonstrations, etc.) added to targeted classes ◆ Web-supplemented activities added to selected courses
		<p>SLO 3 (b) Follow-up</p> <ul style="list-style-type: none"> • Develop strategies to raise performance level to meet benchmark • Incorporate more instances of student feedback per NWFSC research 	<ul style="list-style-type: none"> ◆ In-class practice exercises (e.g. simulations, student demonstrations, etc.) added to targeted classes ◆ Web-supplemented activities added to selected courses
		<p>SLO 4 (a) Follow-up (Benchmark met)</p>	N/A
		<p>SLO 4 (b) Follow-up (Benchmark met)</p>	N/A

Educator Preparation Institute (EPI)

Program Level Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)	Original Recommendations for Follow-up to Program Review	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)
<ul style="list-style-type: none"> ◆ Track graduate employment rates within the local school systems ◆ Ensure new students are computer literate before enrolling ◆ Work with local counties and the state to ensure that the Florida Teacher Certification exam scores are easily accessible to NWFSC ◆ Pursue becoming a computer-based testing site for the FTCE 	<ul style="list-style-type: none"> ◆ Received data on employment from FLDOE ◆ Students are trained in the use of D2L at orientation ◆ NWFSC Testing Coordinator now receives test scores electronically ◆ Our application will remain on file for consideration next fiscal year. 	<p>The EPI Program was placed on hiatus upon implementation of the NWFSC Teacher Education Baccalaureate Programs; individuals who already have a bachelor's degree may still pursue alternate certification through the local school district programs, which includes enrolling in selected NWFSC upper division courses as options within the district programs.</p>	

Networking Associate Degree and Certificates

Program Level Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives Conducted In (2007-2009)	Original Recommendations for Follow-up to SLO Results	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)
<ul style="list-style-type: none"> ▪ Develop coordinated staff training and curriculum development plan ▪ Develop 3-5 year equipment and software plan ▪ Insure program course offerings align with local industry trends ▪ Develop and implement strategies to increase completers/graduates 	<ul style="list-style-type: none"> ▪ Ongoing. Use training credits included in MS IT Academy membership ▪ In place and modified as needed. Funding requests for 3-5 year equipment granted as funds become available ▪ Ongoing. Current industry recommendations funded as funds become available 	SLO 1 Follow-up (Benchmark met)	<p>Faculty will conduct ongoing review success rate to see if trend is becoming evident and will consider raising the benchmark if deemed appropriate</p>
		SLO 2 Follow-up (Benchmark met)	
		SLO 3 Follow-up (Benchmark met)	
		SLO 4 Follow-up (Benchmark met)	

	<ul style="list-style-type: none"> Ongoing. Department coordinates with student advisors on Programs of Study 	SLO 5 Follow-up <ul style="list-style-type: none"> Provide additional learning activities and feedback points for students Consider technology to support classroom learning 	Faculty incorporated additional practice tests, online exercises, and content to supplement text-based review questions and case studies
		SLO 6 Follow-up <ul style="list-style-type: none"> Provide additional learning activities and feedback points for students Add more technology to support classroom learning 	
		SLO 7 Follow-up Develop strategies to raise performance to meet benchmark Consider using more technology to support classroom learning	<ul style="list-style-type: none"> Student tutorials using <i>Tegrity</i> software were added to faculty websites for access 24/7 Additional class activities on developing a comprehensive home page were added to course

Surgical Technology

Program Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)	Original Recommendations for Follow-up to Program Review	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)
<ul style="list-style-type: none"> Comply with all requirements to place the program on temporary inactive status due to the following: low and decreasing student demand; low completer numbers; less that robust job market; staffing difficulties; limited clinical opportunities in the area 	<p>After consultation with the Surgical Technology Advisory committee, the Surgical Technology program has been placed on hiatus.</p>	N/A	
		<p>The surgical technology program was placed on hiatus fall of 2007 due to the declining need for surgical technology staff in the local area and declining program enrollments.</p>	

Theater and Entertainment

Program Level Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)	Original Recommendations for Follow-up to SLO Results	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)
<p>Explore offering a 2nd film course. OWC's Cinema Appreciation course continues to grow.</p> <p>Explore increasing THE offerings</p> <p>Explore the possibility of adding an acting course for musical theater students</p> <p>Explore a possible 4-year baccalaureate in the Theatre area (or interdisciplinary performance areas)</p>	<p>A second film course is part of plans for possible bachelor's degree</p> <p>Additional THE offerings would be tied to possible new bachelor's degree</p> <p>THE enrollments have inched up slightly. A course for musical theatre students is also in development</p>	SLO 1 Follow-up (Benchmark met)	<p>Faculty will pursue ongoing review of r outcomes for trends and possible adjustment of benchmark</p>
		SLO 2 Follow-up: Benchmark met	
		SLO 3 Follow-up: Benchmark met	

**SECTION III
ASSOCIATE OF ARTS DEGREE AND GENERAL EDUCATION**

Biological Sciences

Program Level Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)	Original Recommendations for SLO Results	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)
<ul style="list-style-type: none"> ▪ Strengthen our support of and interactions with the Allied Health programs ▪ Develop or modify courses as needed to support the new Teacher Education program 	<ul style="list-style-type: none"> ◆ Full-time faculty member receives reassignment time to work with the nursing /allied health programs ◆ New upper level environmental science class is in place for the teacher education program 	<p>SLO 1 Follow-up</p> <ul style="list-style-type: none"> • Increase out-of-class support materials-review module, podcasts, etc. • Research best practices and learning outcomes/benchmarks at sister colleges for insight 	<ul style="list-style-type: none"> • Additional practice sets covering distinguishing between fact, scientific law, hypothesis and theory were added to course content. • Data collection methods were reviewed and streamlined.

<ul style="list-style-type: none"> ▪ Continue to evaluate our Distance Learning courses to ensure their parity with traditional instruction ▪ Increase the variety of courses offered through the Biological Sciences Department ▪ Develop Departmental and or Institutional policies to encourage faculty to remain current in their disciplines ▪ Develop revised criteria/assessment methods for evidence of competency in General Education classes ▪ Prepare for the need for an A&P instructor in the near future ▪ Procure an alternate sustainable funding source for the Science Department aquaria. ▪ Monitor teaching loads and class size for additional faculty needs ▪ Continue to improve and develop alternative methods of instruction ▪ Develop new ways for Biological Sciences to interact with other agencies and the community 	<ul style="list-style-type: none"> ◆ Selected physical sciences classes now use <i>Tegrity</i> software for both in-class and out-of-class learning activities ◆ Additional course development is still under review depending on enrollment patterns and future program development ◆ Faculty members have completed initial revisions/ improvements to generated outcomes in natural science ◆ Blended classes in Anatomy and Physiology are to be implemented in 2009-10 ◆ Some aquaria funding support has been secured through the Foundation, but this is an ongoing effort ◆ Additional blended science classes are underdevelopment 	<p>SLO 2 Follow-up Benchmark met</p>	N/A
		<p>SLO 3 Follow-up:</p> <ul style="list-style-type: none"> • Develop strategies to raise performance to meet benchmark • Expand technology options in and out of classroom 	<ul style="list-style-type: none"> ▪ Additional class activities relating scientific discoveries and theories to broader areas of human concern were added to course content in selected classes. ▪ Data collection methods were reviewed and streamlined.
		<p>SLO 4 Follow-up</p> <ul style="list-style-type: none"> • Develop strategies to raise performance to meet benchmark • Expand technology options in and out of classroom 	<ul style="list-style-type: none"> • Students were given additional problems to solve in lab classes • Data collection methods were reviewed and streamlined.
		<p>SLO 5 Follow-up Benchmark me</p>	N/A

English/Communications

Program Level Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up Program Outcomes	Follow-up Actions and Initiatives Conducted in (2007-2009)	Original Recommendations for Follow-up to SLO Results	Follow-up Actions and initiatives Conducted in (2007-2009)
<ul style="list-style-type: none"> ▪ Schedule available computer classrooms to offer writing courses ▪ Label courses according to what types of computer support is needed to succeed in the course ▪ Seek additional types of tutorial support ▪ Continue use of LRC staff for acquainting students with data retrieval and MLA resources ▪ Increase the student success rates ▪ Increase the "training" and support of adjunct professors 	<ul style="list-style-type: none"> ▪ The number of ENC 1102 classes held in computer labs has increased ▪ With better information, ad hoc research indicates fewer students withdrawing from classes due to computer/technology issues ▪ Academic Success Center has expanded face-to-face tutoring to additional college locations. ▪ Early research indicates a strong relationship between online tutoring (<i>Smarthinking</i>) and student success in ENC 1101; research pending on impact of on other ENC courses ▪ The success rates are up, but not to a statistically significant degree; additional strategies pending ▪ Adjunct instructors now receive regular "in class" visits from the Coordinator and attend meetings with full-time staff; in the Adjunct Workshop is highly encouraged and participation has increased 	<p>SLO 1 (a) Follow-up</p> <ul style="list-style-type: none"> ▪ Develop support activities to assist students with specific writing competencies ▪ Increase student assessment/feedback activities <p>SLO 1 (b) Follow-up</p> <p>Increase use of Tegrity and other software to strengthen student success</p>	<ul style="list-style-type: none"> ▪ The faculty worked with the ASC to schedule workshops in expository writing, including organization and paragraph writing. ▪ Additional technology-based activities are in progress ▪ Tegrity applications are developed and faculty training is in progress
		<p>SLO 2 Follow-up</p> <ul style="list-style-type: none"> ▪ Expand out-of-class assistance for students in MLA ▪ Coordinate with ASC to develop support options for students 	<ul style="list-style-type: none"> ▪ ASC and department faculty conduct joint MLA workshops ▪ Online tutorials have been expanded ▪ Flyer on learning support options has been incorporated into course handouts
		<p>SLO 3 Follow-up</p> <ul style="list-style-type: none"> ▪ Create additional review and reinforcement options in troublesome topic areas. 	<ul style="list-style-type: none"> ▪ Activities in selected courses have been revised to include specific assignments and activities on synthesizing ideas

		SLO 4 Follow-up <ul style="list-style-type: none"> This is a new benchmark, with data tracking to begin in Spring all of 2008 	<ul style="list-style-type: none"> Faculty and LRC staff have developed new workshop to improve students' information literacy skills. New course activities and assessments have been added to selected writing courses
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Mathematics

Program Level Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions and Initiatives (2007-2009)	Original Recommendations for Follow-up to Program Review	Follow-up Actions and Initiatives (2007-2009)
<ul style="list-style-type: none"> Increase pool of qualified adjuncts Seek innovative ways to support additional tutoring needs Ensure all full-time math instructors have a wireless tablet laptop and other resources to maximize instructional effectiveness Improve classroom learning environment in Niceville Math Building New math course development for education programs 	<ul style="list-style-type: none"> New adjuncts added to pool, but additional full-timers still desired Review of funding structure for lab staff has been completed Additional tablet laptops have been acquired; plan for additional units is in place Sliding boards added to alternate classroom sites; additional LCD projectors acquired for L Building; plan to pursue additional improvements is in place. Additional upper division math course is now in place Coordinated scheduling with other departments to use classroom space in P and S is in place; classroom adjustments are in place to assist in accommodating math needs 	SLO 1 Follow-up <ul style="list-style-type: none"> Create additional review and reinforcement options in troublesome topic areas. Evaluate course sequencing in light of current prerequisites SLO 2 Follow-up <ul style="list-style-type: none"> Increase out-of-class support materials-review modules, podcasts, etc. SLO 3 Follow-up <ul style="list-style-type: none"> Expand technology options in and out of classroom Increase the use of Tegrity and other software options SLO 4 Follow-up <ul style="list-style-type: none"> Research best practices and learning outcomes/benchmarks at sister colleges for insight. 	<ul style="list-style-type: none"> Research on course prerequisites in progress Math lab hours were extended and student use was encouraged in all math courses. A new Math Lab was opened on the Crestview Campus. Adjunct training workshops were held on the use of homework software provided by textbook publishers.

Social Sciences

Program Level Outcomes		Student Learning Outcomes		
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives (2007-2009)	Original Recommendations for Follow-up to Program Review	Follow-up Actions, Enhancement Initiatives (2007-2009)	
<ul style="list-style-type: none"> ▪ Ensure maintenance of current faculty/student ratio ▪ Expand use of technology in the classes ▪ Incorporate LRC services in additional courses ▪ Encourage more professors to offer blended format classes ▪ Encourage the use of the Academic Success Center and other tutoring avenues in all classes 	<ul style="list-style-type: none"> ▪ The faculty/student ratio remains constant ▪ LCD projectors in all the classrooms facilitates PowerPoint presentations. ▪ New GIS software adds to geography classes and parallels "real world" ▪ Social sciences classes now use LRC services – including MLA/APA training ▪ Blended classes are now offered at both campuses and at all the centers. ▪ The Academic Success Center has increased support options for social science students (e.g. <i>Smarthinking</i> and new APA workshops). ▪ The Service Learning Seminar was revamped and now has a statewide affiliation. 	SLO 1 Follow-up <ul style="list-style-type: none"> ▪ Increase use of <i>Tegrity</i> and other software options to strengthen student experiences ▪ Increase our-of class support materials-review modules, podcasts, etc. 	<ul style="list-style-type: none"> ▪ Additional technology applications are under development ▪ Faculty incorporated new review component to writing assignments with additional comments on drafts 	
		SLO 2 Follow-up <ul style="list-style-type: none"> ▪ Increase our-of class support materials-review modules, podcasts, etc. ▪ Consider using more technology to support classroom learning. 		<ul style="list-style-type: none"> ▪ Instructors are providing students with comments on drafts before the student papers are submitted for grading. ▪ ASC has developed additional support options for social sciences
		SLO 3 Follow-up <ul style="list-style-type: none"> ▪ Develop strategies to raise performance to meet benchmark ▪ Consider mini-workshops on challenging topics 		<ul style="list-style-type: none"> ▪ Faculty are reviewing delivery formats to determine support activities tailored to each format

**SECTION IV
ELECTIVE COURSE SUBJECT AREAS**

Music

Program Outcomes		Student Learning Outcomes	
Original Recommendations for Follow-up to Program Outcomes	Follow-up Actions, Enhancement Initiatives (2007-2009)	Original Recommendations for Follow-up to Program Review	Follow-up Actions, Enhancement Initiatives (2007-2009)
<ul style="list-style-type: none"> ◆ Continue to explore offering baccalaureate degrees in music education and recording arts ◆ Explore adding applied faculty in string, brass, and woodwinds due to growing demand ◆ Explore adding a women's chorus, which would be beneficial to the program 	<ul style="list-style-type: none"> ◆ We continue to develop possible Baccalaureate curriculum ◆ We have added a new string instructor, a new brass instructor, and a new woodwinds instructor. All are part-time. ◆ A women's chorus has been added: Bella Voci 	<p>SLO 1 Follow-up Benchmark met</p> <hr/> <p>SLO 2 Follow-up Benchmark met</p> <hr/> <p>SLO 3 Follow-up Benchmark met</p>	<p>} Faculty will monitor outcomes to assess trends or possible revisions of benchmark or assessment methods</p>

**SECTION V
ACTIVITIES, SITES, AND SUPPORT SERVICES**

Career Resource Center

Program Outcomes	
Original Recommendations for Follow-up to Program Review	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)
<ul style="list-style-type: none"> ◆ Seek additional funding sources for CRC ◆ Enhance monitoring of placement rates and job retention per FETPIP and local data to continuously improve the Career Resource Center's services ◆ Expand CRC services for internships, co-ops, job shadowing, and mentoring for career exploration and to increase career opportunities. ◆ Increase/expand activities with local business/industry 	<ul style="list-style-type: none"> ▪ Perkins Grant support continues; additional business/industry donations assisted the center ▪ The CRC provided information to all business partners regarding the services that are provided to their organizations. ▪ The CRC offered two Career and Job Fairs during the year. The first was in Niceville and second in Crestview.

<ul style="list-style-type: none"> ◆ Develop a marketing strategy to attract students to use the online data base ◆ Develop Career and Technical Education days for each industry. Host forums with business partners in the community to provide NWFSC students, high school students and the community the ability to ask questions regarding specific industries, occupations, and career pathways. ◆ ◆ Expand employability skills workshops for NWFSC students and work with instructors to encourage them to make workshops a component of their curriculum. ◆ Redevelop the internal process of monitoring and tracking graduates. Develop pre and post graduation surveys and aid in the documentation of supplemental data for FETPIP ◆ Expand the Professional Certification Testing Center to accommodate more testers ◆ Develop career guide for advisors to provide additional information to students during their counseling sessions ◆ Research innovative methods of virtual career exploration ◆ Enhance coordination of CRC activities at all locations ◆ Further develop the Career Resource Center webpage 	<ul style="list-style-type: none"> ▪ On-campus interview options increase, allowing employers the option of hiring personnel between job fairs. ▪ The CRC expanded us of the College's student e-mail system, the College Marketing Department, and faculty/staff to market CRC programs and services ▪ Two CTE forums in development for Allied Health and Public Safety ▪ ▪ CRC staff has begun new workshops and programs for students' career research and employment possibilities. Notifications of CRC workshops and services are provided to faculty to share with students ▪ A software tracking and monitoring system is nearly complete; IT will assist with the initial implementation in 2009-10 ▪ Available testing space limits the number of testers per session. However, the number of testers increased by more than 600200 over 2007 ▪ Additional career exploration, assessment, and research programs have been purchased ▪ Monthly meeting are held with Niceville and DeFuniak staff ▪ The Marketing Department has assisted with the development of the CRC's webpage. The webpage has proven to be a valuable resource to market and disseminate information to students and business partners
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Learning Support Services (ASC, Support LABS and LTech)

Program Outcomes

Original Recommendations for Follow-up to Program Review	Follow-up Actions, Enhancement Initiatives Conducted in (2007-2009)
<p><u>Academic Success Center</u></p> <ul style="list-style-type: none"> ▪ Increase the number of tutor hour at the Sikes, Chautauqua and FWB centers due to the increased enrollment ▪ Expand the study strategies workshops and offer them online using Elluminate or Tegrity software ▪ Expand Online tutoring through Elluminate 	<p><u>Academic Success Center (ASC)</u></p> <ul style="list-style-type: none"> ▪ Increased the number of tutor hours at Sikes, Chautauqua and FWB ▪ Continuing to expand the study strategies workshops to offer workshops online through Elluminate or Tegrity and to make them more user- friendly. ▪ Piloting use of <i>Elluminate</i> for Spanish tutoring to reach Chautauqua Center students

- Explore ways to fund and expand tutoring staff to work with ESOL students
- Update ASC brochures
- Increase cross training of ASC staff to allow for continuous support of workloads during staff absences
- Increase presentations to faculty, so that they are better equipped to help at-risk students and are aware of ASC services

Math Lab

- Acquire an additional room for tutoring in Crestview and increase hours for tutoring, computer usage, and test taking
- Seek additional funding to increase the number of tutor hours in all labs, especially during peak hours
- Acquire new computers at the Crestview, FWB and Niceville Math Labs to have the speed needed to complete online homework and tests.

Learning Technologies

- Enhance LTech relationships and awareness with faculty /departments
- Complete a comprehensive review of LTech policies and procedures as well as printed and online information to make sure it is current.
- Address the long term tracking issues for LTech and get recommendations from Tech. Review Comm.
- Seek grants and partnerships secure additional software/services

- ASC flyers updated; additional promotional materials under development
- Continuing to increase cross training of ASC staff to allow for continuous support of workloads during staff absences
- Continuing to increase presentations to faculty, so that they are better equipped to help at-risk students and are aware of ASC services

Math Lab

- Crestview lab hours have been increased to meet student demand.
- Review of staffing needs and funding patterns, along with compensation rates completed and budget re-worked for efficiency
- Improved computers added as funding and/or "recycled" stations are available

Learning Technologies

- Initiated one-on-one coaching for faculty; increased "open lab" efforts for faculty in DL classroom/lab; formal and informal Friday workshops for faculty now in place
- Updated all online and print information; reviewed and improved existing procedures, such as uploading D2L classes; updated the LTech organizational plan including goals and objectives.
- Partnered with UWF to host a webcasting technology conference and pursued more opportunities with other colleges ; also continued to seek grants