

COUNCIL FOR EDUCATION POLICY RESEARCH AND IMPROVEMENT
Baccalaureate Degree Proposal Evaluation

Edison College
Bachelor of Science (BS) Degree in Public Safety Management

Executive Summary

This proposal is an update from Edison College’s original submission of November 27, 2001, with Addendum dated February 22, 2002. The name of the program has been changed from Public Services Management to Public Safety Management. The revised degree name reflects critical interagency security issues, on both the national and local levels, arising since 2001. In offering this program, Edison College will satisfy documented community need for well-educated administrators in fire departments, emergency medical services agencies, police and sheriff’s departments, and other governmental bureaus in Southwest Florida.

This application is submitted as a result of the July 7, 2004 joint letter from William C. Merwin, President, Florida Gulf Coast University (FGCU), and Kenneth P. Walker, District President, Edison College, to Jim Horne, Commission of Education. The letter, included in the appendix, states in part:

“We are requesting a modification to ...transfer degree granting authority for the Bachelor of Science (BS) degree in Public Safety Management from FGCU to Edison College. You will recall that Edison serves as the contracting authority and fiscal agent for the current partnership agreement. We agree that this request is in the best interest of all concerned, and we seek agreement from the third named party, i.e. the Department of Education.”

In August 2004 the Florida Department of Education advised Edison that a transfer would not occur unless Edison submitted a new application to the Florida DOE with CEPRI review. On October 19, 2004, the College conducted a Public Services Forum. Participants included:

Agency	Representative
Big Corkscrew Island Fire Dept.	Chief Rita Greenberg
City of Naples Fire Department	Tom Vogel, Battalion Chief
East Naples Fire Rescue	Chief Douglas Dyer
Golden Gate Fire Department	Chief Bill Moyer
Alva Fire Department	Jason Bennett
Bayshore Fire Rescue	Chief Chad Jorgensen
Bonita Springs Fire/EMS	Chief Ken Craft
Bonita Springs Fire Department	Philip Kinsey, Jr.
Cape Coral Fire Department	Lieutenant Jim Hunt
Fort Myers Fire Department	Chief Richard Chapelle
Fort Myers Fire Department	Chief Ken Dobson
Iona MacGregor Fire Dept.	Chief Gerald Adema
Lee County Airport Rescue	Emory Howard
Lehigh Acres Fire Department	Tony Esposito
San Carlos Fire Rescue	Chief Phil Blanc
Sanibel Fire Rescue	Chief Rich Dickerson

Agency	Representative
South Trail Fire Rescue	Chief Cliff Paxson
Charlotte County Fire and EMS	Marianne Taylor, Battalion Chief
Collier County EMS	Andrea Schultz
Lee County EMS	Captain David Wheaton
Lehigh Acres Fire Control District	John Wayne, Assistant Chief
Cape Coral Police Department	Phil Van Landschoot, Detective
Cape Coral Police Department	David Newland, Sergeant
Lee County Port Authority Police Department	Dan Sizemore, Major
Fort Myers Police Department	Glenn Johnson, Major
Naples Police & Emergency Services Department	Jim Slapp, Deputy Chief
Charlotte County Sheriff’s Office	William Cameron, Interim Sheriff
Collier County Sheriff’s Office	Jack Gant, Training Supervisor
Lee County Sheriff’s Office	Mike Clifton, Chief
Lee County Sheriff-Elect	Mike Scott, Sheriff-Elect
United States Marshall’s Services	Robert Pastula, Supervisory Deputy
Florida Dept. of Law Enforcement	Mike Rafferty, Chief

The opening comment from one law enforcement participant was as follows:

“Three years have passed since we initially defined Edison’s degree and expressed the need. The State gave it to FGCU. We hope the process will move faster this time. A significant need still exists. The program is long overdue”.

Through the October 19th Forum and responses to the October 2004 surveys of public safety employees and employers, the College received overwhelming support for this application requesting authority to grant the BS degree in Public Safety Management at Edison College. Of the 21 local agency head respondents, **95.2% said they would encourage** their employees to enroll in this degree program. More importantly, their employees indicated their intent to enroll in this degree program at Edison. Of the 508 public safety employee respondents to the survey, **82.1% said they would enroll** in the Public Safety Management program at Edison College.

The (BS) Degree in Public Safety Management is a natural extension of services to AS students at Edison. From 2002 to 2004, 1,090 students completed Public Safety AS degrees and certificates. In addition, there are over 1,500 unduplicated course takers currently enrolled in public safety courses and 642 students have declared majors in Public Safety fields. This represents tremendous potential for enrollment at the bachelor’s level. Degree seekers will represent the largest segment of potential higher education students, i.e. nontraditional undergraduate students ages 25 and up, career-oriented members of the labor force, likely seeking a first degree in an on-campus or off-campus program, and enrolled full- or part-time.

The Public Safety community has clearly indicated the growing importance for its leaders to have advanced knowledge and skills, lead change in communities, solve problems through analytical processes, and manage governmental agencies. The Public Safety Management program will address these goals by:

- ensuring students’ ability to complete a four-year degree while earning a living and thereby contributing to the economic viability of Southwest Florida
- fostering students’ understanding of the unique dynamics of crafting public service solutions using an integrated approach
- developing leadership, planning, communication and business skills needed as public service professionals advance in their respective organizations
- graduating potential managers equipped with competencies most valued by Southwest Florida’s public service department heads.

In developing the program’s curriculum and delivery methods presented herein, Edison relied heavily upon input from area employers and potential students. The proposed program offers a mix of traditional courses and accelerated, applied courses in a schedule-friendly format complementing public safety agency work schedules and shift requirements.

On behalf of the Public Safety professionals listed above and their colleagues, Edison College enthusiastically submits this request and looks forward to receiving approval of degree granting authority for the Bachelor of Science degree in Public Safety Management.

“I see within the next 20 to 25 years that the community colleges are going to be the base for training and education for all the different areas within our homeland security.”

Ellen Gordon, Member
Senior Advisory Council for the Department of Homeland Security

Matrix of Criteria

■ **NEED - Is the need for the bachelor's program and demand for program graduates verified and important enough to implement a major change to the K-20 system?**

- Is the need for the baccalaureate program in an area of critical concern? Does a significant shortage of individuals with this degree level currently exist?

Yes. The need reflects an area of critical concern as well as significant shortage and opportunity. Edison survey responses from 21 public service organizations in Fall 2004 indicated that 37% of their 4,882 agency positions are bachelor's level. Southwest Florida's fire chiefs, police chiefs, and emergency medical services administrators have responded passionately concerning the real and important need for Edison College to offer the Bachelor of Science (BS) degree in Public Safety Management to help ensure appropriately educated employees in their respective agencies.

Public safety professions traditionally promote from within their own agency ranks. Employees seeking advancement are well aware that completing their respective associate degree, and subsequently their baccalaureate degree, will boost promotional chances. The initial stumbling block toward completing the associate degree among targeted populations is college placement testing. Paramedics, firefighters, and law enforcement officers readily enroll in Edison's technical courses to earn college credit, but they will not complete the degree program because they fear that they will test into college preparatory courses. Edison staff are working hard to help these students sharpen their skills in math, English and reading prior to the college placement test. Confidence is thus being built, as is loyalty to Edison College.

The opportunity to complete an AS and BS degree at the same institution will be a tremendous incentive to Edison's AS current degree seeking public safety students. This program will allow efficient completion of all requirements, including general education credits, within its 120-hour program length in a known, comfortable environment devoid of "transfer shock". Edison's program enrollees will represent the largest segment of potential higher education students, and a population not adequately served by other institutions. These are nontraditional undergraduate students ages 25 and up, career-oriented members of the labor force, likely seeking a first degree, and enrolled in college full- or part-time. They are attracted by the most affordable tuition available, full articulated credit for respective AS degrees, a curriculum designed by career professionals, flexible scheduling within the College's regular terms, opportunity for credit for demonstrated career competencies, and the supportive environment valued by the College's current students and graduates.

- Will the proposed program contribute significantly to meeting workforce needs in the service region and, if appropriate, throughout the State?

Yes. The program will contribute significantly to meeting workforce needs in the service region. If desired, the program can be made available via distance learning or through concentrated schedules for other public safety professionals across Florida.

- Is the need driven by proven student demand (e.g., student requests, surveys of residents or lower level students, or admission applications of similar programs)? Estimate initial and projected program enrollments.

Yes. Both the Student Interest Survey conducted in Fall 2003 and the Public Safety Survey administered in October 2004 indicated overwhelming support for Edison College's pursuit of baccalaureate degrees, as well as interest in enrolling in their respective programs of choice if given the opportunity.

Of the 508 employee respondents to the 2004 Public Safety survey, **82.1% said they would enroll** in the Public Safety Management program at Edison.

2003 Academic Interest Survey 527 student respondents	2004 Public Safety Survey 508 student respondents
<p>I support Edison's efforts to study, promote, and establish its own baccalaureate-level programs.</p> <ul style="list-style-type: none"> - Strongly Agree 80% - Agree 18% - Disagree 1% - Strongly Disagree <1% <p>Should Edison be granted permission to offer its own bachelor's degree (in my field of greatest interest), I would enroll.</p> <ul style="list-style-type: none"> - Strongly Agree 74% - Agree 20% - Disagree 5% - Strongly Disagree 2% 	<p>I support Edison's efforts to study, promote, and establish its own baccalaureate-level programs.</p> <ul style="list-style-type: none"> - Strongly Agree 72.6% - Agree 25.8% - Disagree .8 - Strongly Disagree .8 <p>I would enroll in the Public Services/Safety Management, should Edison be granted permission to offer the degree.</p> <ul style="list-style-type: none"> - Strongly Agree 47.4% - Agree 34.7% - Disagree 12.5% - Strongly Disagree 5.5% <p style="text-align: right;">} = 82.1%</p>

In 2003-04, one in ten (9.8%) of all course takers at Edison College were enrolled in public safety classes.

**2003-04
Unduplicated Course Takers - Public Safety**

EMS	505
Paralegal Studies	200
Criminal Justice	525
Crime Scene	190
Fire Science	282
<i>Public Safety Unduplicated TOTAL</i>	<i>1,536</i>

That same year, nearly one-quarter (24%) of all AS degree and certificate seeking students at Edison chose one of the public service fields of study.

**Table 1
Public Service Unduplicated Headcount by Academic Year, 2000-01 through 2003-04
By Program Major**

Program	2001	2002	2003	2004	4 yr. % change
Emergency Medical (AS programs)	90	94	224	163	81.1%
Paralegal Studies	114	126	127	149	30.7%
Criminal Justice Technology	163	156	116	196	20.2%
Crime Scene Technology	23	45	71	74	221.7%
Fire Science Technology	63	62	37	60	-4.8%
Total Public Safety Majors	453	483	575	642	41.7%

Source: Student Data Base (2000-01 through 2003-04)

- Has demand for graduates of the proposed program been expressed by local business and industry, the workforce development board and local chambers of commerce or documented in any studies or needs analyses? Is there documentation of the availability of jobs for graduates?

Yes. These professions provide the infrastructure for economic development in Southwest Florida. However, fire fighting, law enforcement, and emergency medical services are not agencies typically involved in chamber of commerce work or targeted by workforce development boards for job growth. Demand for graduates is most appropriately expressed by governmental personnel responsible for the public's safety and welfare.

The public safety agency survey completion in 2004 indicated that for over 50% of supervisory positions in criminal justice/crime scene and emergency management, a bachelor's degree is preferred or required. A smaller need was identified for fire (14%) and emergency medical services (3%).

The appendix includes the following letters of support for Edison College offering the program, written in Summer/Fall 2004:

Senator Burt L. Saunders, 37th District, The Florida Senate
 Senator Michael Bennett, 21st District, The Florida Senate
 Representative Bruce Kyle, District 73, Florida House of Representatives
 Representative Jeff Kottkamp, District 74, Florida House of Representatives
 Representative J. Dudley Goodlette, District 76, Florida House of Representatives
 Joe Paterno, Executive Director, Southwest Florida Workforce Development Board
 Steve Tirey, President, The Chamber of Southwest Florida
 Tammie Nemecek, Executive Director, Economic Development Council of Collier County
 Matther DeBoer, Chairman, County of Charlotte Board of County Commissioners
 Betty Williams, Manager, Greater Charlotte Harbor Economic Development Office
 Rodney Shoap, Lee County Sheriff
 James Cardoza, Chief, Lehigh Acres Fire Control and Rescue District
 Kristine Wishard, President, Charlotte County Chamber of Commerce
 Rich Dickerson, Fire Chief, Sanibel Fire and Rescue
 Jim McEvoy, Fire Chief, City of Naples Police and Emergency Services Department
 James Fitzpatrick, Retired Investigator, Florida State Attorney's Office
 H. C. "Chris" Hanson, EMS Manager, County of Lee Division of Public Safety
 Bob Jones, Director of Emergency Services, Glades County
 Dennis DiDio, Director, Fire and Emergency Medical Services Department, Charlotte County

- Has employer demand exceeded supply for the past five years? Is need projected to exceed supply for the next five years?

Yes. The demand for a college education has steadily increased among agencies in the last several years. Cape Coral Police Department, for example, now requires an associate degree for police officers. While many agency heads desire college education, salary differentials as well as the supply of qualified candidates dictate minimum requirement. But uniformly across public

safety agencies, college degrees are highly prized by those who wish to position themselves for promotions and/or incentive pay.

The Florida Agency for Workforce Innovation’s Employment Forecast ranks *Local Government* second (rank #2) in industries gaining the most new jobs for Workforce Region 24 (Edison College’s service district). The annual change in local government jobs from 2003-2011 is 1,012, or 2.73% annual growth.

Public safety is represented by a cluster of about 20 high growth occupations. The Region 24 projections indicate 10,462 jobs will be needed by 2011 in all protective service occupations.

- Is the need primarily related to programmatic content, the nature of the delivery system, or other factors?

Yes, the need is primarily related to programmatic content, delivery system and other factors.

With forty-two years of successful service to non-traditional students at the associate level, Edison is committed to providing convenient and affordable educational services to working adults wishing to advance in their careers.

Based on survey responses presented in Table 2, course scheduling in concert with cohort groups attending classes designed around the “shift” work is optimal for these targeted populations. Edison is well positioned and indeed as a history of the ability to deliver courses at agencies, via compressed video, or internet, or in varying scheduling formats.

Table 2
Edison College
Public Safety Agency Survey (October, 2004)
Agency/Student Scheduling Preferences
(For Respondents Indicating Bachelor’s Hiring/Educational Interest)

Format	Criminal Justice/ Emergency Management		Fire/ EMS	
	% Agency	% Student	% Agency	% Student
Alternating Weeks	55	16	29	9
Compressed (3-8 weeks)	46	35	86	30
Distance Learning (no meetings)	46	39	14	21
Accommodating 24-hr shifts	73	26	86	62

In addition, agency heads expressed a willingness to assist Edison in course delivery by opening their facilities as classrooms. Table 3 indicates survey responses concerning the use of agency facilities for course offerings.

Table 3
Edison College
Public Safety Agency Survey (October 2004)
Agency Classroom Facilities

Agency	Classroom Facilities	Minimum Capacity	Compressed Video
Naples Police and Emergency Services	Yes	30	
Cape Coral Fire Department	Yes	35	
San Carlos Park Fire District	Yes	60	Yes
Lee County Sheriff's Office	Yes	30	
Fort Myers Police Department	Yes	30	
Lee County Port Authority Police Department	Yes	150	
Cape Coral Police Department	Yes	60	
FDLE (Statewide)	Yes	100	Yes
Hendry County Sheriff's Office	Yes	120	Yes
Lee County Port Authority Aircraft Rescue & Fire Fighting	Yes	40	
Estero Fire Rescue	Yes	20	
Bonita Springs Fire/EMS	Yes	100	
Agency Facilities Totals	13	775	3

■ **POTENTIAL IMPACT – Will the proposed program be of sufficient academic quality and will the program significantly reduce the identified workforce need?**

- What impact would this program have on the current mission of the institution?

No impact. As required in 1004.65 F.S., Edison's primary mission will continue to be the provision of associate degrees. No associate in arts or associate in science degree programs will be terminated as a result of this program addition. In fact, since 1999, the mission of the College has addressed baccalaureate degree offerings:

“The mission of Edison College is to strive for excellence through innovation and continuous improvement as it provides...access to baccalaureate degree programs through upper division transfer, articulation, site-based programming, and partnerships with colleges and universities.”

Edison already serves upper-division students on-site through the Edison University Center, with 433 students currently enrolled. Two hundred students have graduated to date.

- What percent of the gap between supply of and demand for baccalaureate graduates will the proposed program address?

Of the 138 students currently enrolled in FGCU's BS in Applied Science program, concentrating in Public Safety Management, many do not have associate degrees. They are taking the courses for continuing education purposes. It is anticipated that those students will eventually transfer to Edison and enroll in the Public Safety Management BS degree program.

Out of the 508 responses from potential students who are agency employees, 136 indicated a desire to enroll in Edison’s program in Public Safety Management as their next academic goal. Of these, 42% expected to enroll within the first year, and 33% within 2 years. Table 4 presents conservative enrollment projections. These students represent the unmet educational gap that Edison seeks to serve. The first 17 graduates in year 2006-07 will fill 13% of the gap. Edison predicts 87 graduates in the first five years and stands ready to serve additional students as the program grows.

Table 4
Enrollment Projections – Public Safety Management

Year	2005-06	2006-07	2007-08	2007-08	2008-09
FGCU lower division Transfers	30	20			
Juniors	30	45	50	45	50
Seniors	-	25	26	30	35
TOTAL	30	70	76	75	85
Graduates	-	17	20	22	28

Enrollment Assumptions:

- Public Safety Management will attract 30 initial juniors, drawing on a built-up pool of Edison AS public service graduates.
- Persistence from the junior year to the senior year will be approximately 85% of the junior year enrollment.
- Two-thirds of the seniors will graduate immediately at the end of their senior year.
- After the first two years, students who are proceeding at slower rates will start graduating and will enhance the number of graduates.
- There will be steady growth after the “pent-up” need of the initial pool is discharged, because of the degree’s acceptance through local workforce employers and also because the population in the Southwest Florida area is growing.
- Full-time, part-time.

□ Will the proposed program be of necessary quality associated with a baccalaureate degree – in terms of:

➤ Faculty

Yes. Faculty will be of necessary quality associated with a baccalaureate degree.

The current Southern Association of Colleges and Schools (SACS) requirement for **both** associate and baccalaureate degrees is a masters degree plus 18 graduate hours. The difference for baccalaureate programs is that at least “25% of courses taught in an undergraduate major must be taught by faculty members holding the terminal degree.” For a major consisting of 36 credits, this would only be nine credits. Edison will certainly surpass that requirement. Currently, 35% of Edison full-time faculty members hold a doctorate degree and 65% hold a masters degree.

The proposal's budget request includes one Full-time Faculty position (1 FTE Doctorate) and one adjunct position. These positions exist currently at FGCU. Edison's doctoral level full-time faculty will teach 12-credit hours each semester, with the remainder of the contractual load dedicated to student advising.

Current full-time faculty members at Edison include Marian Mosser, Professor of Criminal Justice, Mary H. Conwell, J.D., Professor of Paralegal Studies, and the EMS Medical Director William Bess, M.D. Recruiting is underway for a second full-time professor of Criminal Justice. Each may be assigned teaching responsibilities in the program as part of the contractual load or as an overload.

Edison has an impressive core group of qualified adjunct faculty who are prominent members of the public safety community, including judges, attorneys, police chiefs, fire chiefs, and emergency medical professionals. These professionals willingly share their expertise with students and enrich the curriculum with practical, real-world experiences. The College will match their credentials and talents with upper-division teaching opportunities, and recruit other public safety leaders in the budgeting, human resources and management areas.

Current adjuncts with a Master's degree include:

- Criminal Justice

- Gibbs, Arnold – Retired, Chief of Police, Cape Coral PD
- Libby, Dan – Captain; Bureau of Administration Commander, Charlotte County Sheriff's Office; Retired, Chief of Police, Punta Gorda PD
- Mather, Norman – Senior Trainer, Lee County Sheriff's Office
- McGruther, Randall – Chief Assistant to State Attorney, State Attorney's Office, 20th Circuit, Lee County
- Montecalvo, Richard – Prosecutor, Florida State Attorney's Office, Collier County
- Mosser, Marian – Full-time Faculty, Criminal Justice Program, Edison College
- Niven, Robert – Retired, Property Evidence Officer, Naples PD
- Pastula, Robert – Supervisory Deputy US Marshall, Ft. Myers
- Salaam, Abdul – Police Officer, Ft. Myers PD
- Sapp, Glen – Retired, Sheriff, Charlotte County Sheriff's Office
- Shoap, Rodney – Sheriff, Lee County Sheriff's Office
- Volz, Edward – County Judge, Lee County
- Walsh, David – Retired, Coordinator at SWFL Criminal Justice Academy, Ft. Myers
- White, David – Investigative Sergeant, Economic Crimes & Fraud Unit, Collier County Sheriff's Office

- Crime Scene Technology

- Fahey, Dennis – President, Physical Evidence Consultants, Cape Coral
- Fitzpatrick, James – Retired, Investigator State Attorney's Office, Ft. Myers

- Paralegal Studies

- Carlin, John – Circuit Court Judge, Twentieth Judicial Circuit
- Conwell, Mary – Full-time Faculty, Paralegal Studies Program, Edison College
- Grossman, Keith – Attorney, Roosa, Sutton, Burandt & Adamski, Cape Coral
- Hayward, Archie – Attorney, Florida Rural Legal Services, Ft. Myers
- McHugh, Michael – Lead Counsel, Staff Counsel Office, Allstate & Encompass Insurance

Teuber, Steve – Lee County School Board Member
Towers-Romero, Sandra – Attorney

New Full-time Faculty (proposed)

1 FTE Doctorate, Public Safety/Administration

Assuming an average ratio of 20 students per class, and an average student class load of 9 credits, the enrollment plan projects an additional twelve classes per semester for Public Safety Management for the first academic year (academic year 2005-2006). Edison's initial doctoral hire from DOE grant funding will teach four classes in each program. Full-time professor overloads and adjunct professor assignments will comprise the remaining eight classes in the BS in Public Safety Management.

When enrollment grows to the point that an additional doctoral hire is necessary, Edison will fund the position with recurring revenues generated through FTE funding and tuition and fees.

The faculty workload for the proposed BS program is appropriate and sufficient for SACS accreditation standards for baccalaureate delivery. Edison plans to follow the St. Petersburg College model of assigning four classes per baccalaureate professor, with the equivalent of three hours for student advisement. State Board Rule requires a fifteen-hour load of community college professors who are full time; no faculty research will be required. The proposed hires for the baccalaureate program are designed to comply with these faculty credentialing requirements. Edison has received the "Application for Member Institutions Seeking Accreditation At A More Advanced Degree Level" from SACS and will consult with them on any other requirements relating to faculty workloads when we engage in the substantive change process.

➤ Facilities

Yes. Facilities will be of necessary quality associated with a baccalaureate degree.

Edison College is committed to an efficient use of existing resources including instructional space. The College has determined that a combination of evening and weekend scheduling is optimal for the Bachelor of Science in Public Safety Management degree target populations.

On campus, the program would require the use of 1-3 classrooms per 8-week session, and at times, use of the computer and public safety laboratories. Off campus, classes will be held at agency sites convenient to specific cohorts.

Centrally located within Edison's five-county district, the following Public Safety facilities and equipment are located in Gresham Hall on the Lee County Campus:

- Fully-equipped 3,800 square foot classroom/laboratory facility designed for Emergency Medical Services (EMS) training, including five state-of-the-art advanced life support training stations
- Fully-equipped 20 station computer laboratory
- Emergency vehicle simulator
- 1,600 square foot classroom with 8 computer stations designed for Paralegal, Criminal Justice and Crime Scene Technology education
- 1,550 square foot classroom/laboratory designed for Fire Science education
- Fully equipped 15-station forensics laboratory

- Two-fully equipped electronic classrooms (seating capacities of 30 and 65)
- Courtyard workspace designed for public safety training, housing an ambulance, mock crime scene equipment, and the capacity to use fire apparatus, equipment, and trucks for fire science training
- Conference Room
- Adjunct Faculty office
- Administrative offices for the Criminal Justice, EMS, Fire Science Programs and Paralegal programs

On the Charlotte Campus:

- State-of-the-art EMS laboratory
- Emergency vehicle simulator (rear compartment only)

On the Collier Campus:

- EMS laboratory (shared with Nursing)
- Agreement with Collier County EMS for use of ambulance upon request

C-5. Describe the use of educational technology to deliver the program, including any specialized equipment that has been purchased.

This program will have access to the full technological resources at Edison. The primary components of the College's technology environment are:

- An Alcatel/IBM managed backbone w/ Cisco routers
- IBM distribution equipment
- Other than mainframe legacy, server applications supported by Sun, Dell or HP platforms
- An IBM ES9000 mainframe system that supports the administrative functions of the college such as student records and registration, advising, accounting, financial aid, purchasing, cashiering and state reporting mandates
- 1,650 personal computers deployed for campus use
- 30 networked computer laboratories configured for either instructional, administrative and academic support purposes
- 50 additional instructional podiums with multimedia projectors, VCRs, ELMOs, and microscope peripherals to be installed districtwide in 2004-05: 30 for Lee Campus, and 10 each for the Collier and Charlotte campuses
- WebCT and the new Web Portal (Luminis), offering a suite of course tools such as bulletin board, file and image sharing as well as email for every student by next Fall.

Time and geographical constraints for students wishing to complete the public safety baccalaureate degree dictate a mix of delivery systems. The capability exists at Edison to utilize distance learning technology for both on-line and teleconferencing to agency sites.

- WebCT is an integrated learning environment that is used by over 1,500 colleges and universities worldwide. WebCT is a course tool facilitating a flexible, integrated environment where students can integrate course experiences into the real world communities of work and home. The EMS program is currently using WebCT to facilitate the scheduling of its clinical rotations. This allows faculty, students and clinical directors real-time access to the schedule. The software also provides convenient email access for faculty and students. AS graduates continuing on to the BS program will be familiar with the application.

- The College’s interactive video courses utilize two-way audio and video technologies to link classrooms together and optimize course offerings on all campus sites. Ten rooms across the district are dedicated to teleconferencing. Bridge equipment affords the opportunity of connecting to public service agencies with compatible equipment for on-site course delivery. Currently the Paralegal program offers the majority of its program district-wide using interactive video technology.
- The Criminal Justice Technology AS program employs online delivery of courses. Online material at the baccalaureate level will be a natural progression.
- The College is installing Campus Pipeline, a portal that provides students access to the Banner system. Pipeline will allow faculty to post messages for easy access by students.

As noted in Table 3, of the 13 agencies with facilities wherein Edison courses could be taught, three have video-conferencing capabilities.

➤ Curriculum

Yes. Curriculum will be of appropriate quality associated with a baccalaureate degree. An extensive review of similar programs across the county was conducted prior to Edison College’s application in 2001. The model programs are regionally accredited.

Curricular requirements for the proposed degree program, including the required academic courses and prerequisite courses to fulfill the program requirements, will not be final until course development is complete and the program is recommended by the College’s Curriculum Committee, approved by the Vice President of Academic Affairs, and submitted to the District Board of Trustees for final approval. SACS Criteria require that the curriculum be under the control of faculty; however, faculty will continue to consult with industry leaders.

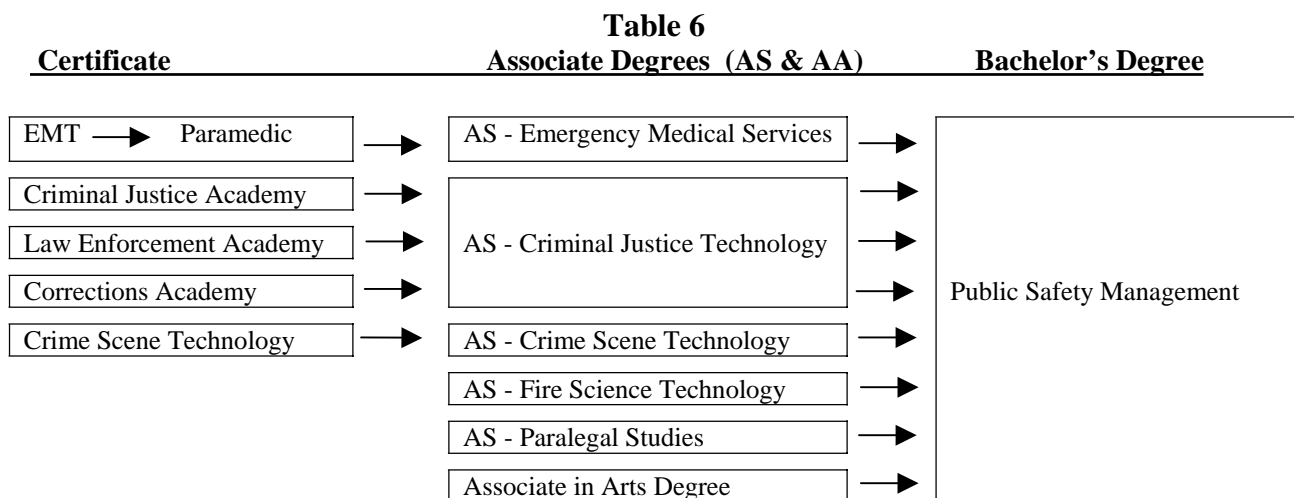
The curriculum discussion at the October 2004 Forum centered around updating core content to include lessons learned after September 11th and Florida’s 2004 hurricane season, particularly the critical need for interagency compatibility and cooperation. Participants requested the inclusion of public safety system integration issues, covered in-depth. Ethics was suggested as a required course, or a component within the Humanities courses. The natural outcome of exposure to multi-agency employees offers an opportunity for intra-agency understanding and career movement between and among Fire, EMS and Criminal Justice organizations.

Employers survey responses concerning essential curriculum components are presented in Table 5.

**Table 5
Edison College
Public Safety Agency Survey (October 2004)
Essential Curriculum**

Homeland Security	85.0%
Natural Disaster Response	95.2%
Human Resources	95.2%
Public Finance/Budget	90.0%
Grant/Contract Management	95.0%
Labor relations	85.7%
Data Collection and Analysis/ Quality Assurance	95.2%

Table 6 demonstrates that all public service-related associate degree programs will offer an articulated pathway into the BS in Public Safety Management.



The curricular requirements for the proposed degree program, including the required academic courses and pre-requisite courses to fulfill the degree program requirements, will not be final until course development is complete and the program is recommended by the College's Curriculum Committee, approved by the Vice President for Academic Affairs, and submitted to the District Board of Trustees for final approval. Area public safety leaders will form our curriculum advisory board. The curriculum advisory board will also be asked to identify measurable qualities of those competencies, so that formative and summative assessments may be successfully incorporated into the curriculum.

Associate in Science (AS) Degrees

Minimum 45 degree core credits with 15 general education credits

- Criminal Justice Technology**
- Crime Scene Technology**
- Fire Science Technology**
- Paralegal Studies**
- Emergency Medical Services**



BS Public Safety Management

Program Components and Course Descriptions

27 degree core credits, 9 major elective credits, 21 general education credits, 3 capstone credits

Program Components	Credits
Public Service Management	3
Topics in Public Safety System Integration	3
Public safety Information Technology	3
Human Resources Development & Administration	3
Public Finance and Budgeting	3
Contemporary Issues in Public safety	3
Dispute Resolution and Counseling	3
Research Methods and Quality Assurance	3
Critical Incident and Stress Management	3
Total Core Hours	27

Grant and Contract Management	3
Introduction to Gerontology	3
Organizational Behavior in Public Administration	3
Additional Foreign Language Courses	3
Bargaining and Negotiations	3
Publicity and Public Relations	3
Total Major Electives	9
Capstone Research Project	3
General Education Credits	21
AS transfer General Education Credits	15
AS transfer Degree Core Credits	45
Total Program Hours	120

Bachelor of Science(BS) Requirements:

Miscellaneous Requirements:

- CLAST (or SAT-R, ACT-E, or GPA exemptions)
- Foreign Language (2 sequential semesters in HS or college)
- Gordon Rule
- 36 SSH General Education
- Minimum GPA = 2.0 overall
- "C" or better in all Computer Technology courses
- Minimum 30 SSH at Edison
- Minimum 48 SSH Upper Division

**BS in Public Safety Management
Program Components and Course Descriptions**

<i>Core Public Services Upper Division Sequence</i>	Credits
Public Service Management- This course covers systems approach and management science, public program evaluation and productivity, the public budget and managing human resources.	3
Topics in Public Safety System Integration- This course examines the foundational concepts of leadership, contemporary societal concerns, and the critical issues in public safety leadership, especially as they present the need for inter-agency and inter-community coordination.	3
Public Services Information Technology- This course focuses on the various new technologies now developing and in use that impact the operation of a public service organization. Included are computers, software, networking and evaluation of technical consulting services.	3
Human Resources Development & Administration- This course analyzes human resource issues that are unique to professional specializations and negatively impact upon the ability of agencies to interact with one another. An analysis of modern methods and theories in human resources management/ personnel administration includes hiring, promotion, performance evaluation, dismissal, and training.	3
Public Finance and Budgeting- This course is an introduction to budgeting in public, nonprofit, and international career fields. The course concentrates upon developing budgeting knowledge and skills essential for successful management performance.	3
Contemporary Issues in Public Safety- This course addresses a contemporary theme relevant to public services management. The theme will change each academic year and will be determined by consultation with students and safety agency leaders. Because of the various types of safety forces represented in the program, the topics selected will address more global public safety issues or multi-disciplinary issues.	3
Dispute Resolution and Counseling- This course examines the skills needed to resolve disputes in the public sector through facilitation, mediation, and other alternative methods.	3
Research Methods and Quality Assurance- This course introduces the student to methods and techniques used in public policy research and to evaluate public programs from an empirically sound foundation. Specific content areas include research design, data collection and data analysis.	3
Critical Incident and Stress Management- This course covers crisis intervention including interviewing skills and interpersonal communications. In addition, students will learn the basics of dealing with the stress of working in the public safety career field.	3
<i>Total Public Safety Upper Division Core SSH:</i>	27

<i>Public Safety Management Major Electives</i>	Credits
Grant and Contract Management- Study of government or public nonprofit agency grant and contract administration and management responding to funding assistance solicitations and grant and contract preparation, evaluation, and presentation.	3
Introduction to Gerontology- The course focuses on the study of aging from an interdisciplinary perspective.	3
Organizational Behavior in Public Administration- This course covers understanding human behavior in public organization: motivation, roles, communication; group behavior and decision-making in public context; managing conflict; leadership and change in public complex organizational systems.	3
Additional Foreign Language Courses- The student may choose to take additional courses in a foreign language of their choice.	3-4
Bargaining and Negotiations- This course analyses bargaining and negotiating in political and academic content and provides a practical guide to those involved in both contract and crisis negotiations.	3
Publicity and Public Relations- The course studies the complex field of educating the public, responding to the public's concerns, and leading the public to change perceptions and behaviors. Students design integrated plans for the public safety arena and develop professional contacts in the public safety system.	3
<i>Total Public Safety Major Electives SSH:</i>	9
<i>Public Safety Management Capstone Graduation Project</i>	
Capstone Research Project- This course provides an integrative team project experience. During this course, the student will complete a professional project applying the knowledge gained from the core courses under the direction of a professor. In addition the student and professor will assess the strengths and weaknesses of the program nearing completion, and feed this information back to the program for making improvements.	3

➤ Prerequisites

Yes. The identified AS, or AA degree with program prerequisites, serve as the upper division prerequisite. (See Curriculum above)

➤ Standards of the field

Yes. Public Safety employers have communicated their requirements for curriculum that provide discipline-specific competencies. Model programs examined included colleges and universities in Virginia, Ohio, California and Washington.

Are assurances provided that the College will not terminate any associate in arts or associate in science degree as a result of this program addition?

Yes. Edison College will not terminate any associate in arts or associate in science degree as a result of this program addition.

- ❑ Will the program increase access or redistribute the current pool of applicants?

Increase access, very definitely, by serving students who are normally not university bound, in very student-centered ways:

- Direct faculty contact
- Seamless articulation for AS students promoting maximum access
- Comprehensive advising from certificate to baccalaureate level

- Support systems will assist students through remediation and successful completion of general education requirements
 - Healthy mix of EMT, Fire and Criminal Justice personnel cohorts
 - Successful history of on-site courses
 - Distance learning formats
 - Shift-friendly schedules; six-to-eight-week sessions, evenings, weekends
 - Curriculum designed with input of employees, relevant to Southwest Florida jobs and with topical issues
 - Credit for experiential learning
- Will the program have an adverse impact on existing public and independent providers?

No. The gap between supply and demand provides ample room for all institutions. Based on the market segment to be served and the fact that no other colleges or universities in this region offer this program, there should be no adverse impact. As always, private colleges' cost considerations may be a factor, as part-time students are not eligible for the Florida Resident Access Grant (FRAG).

Edison has contacted the public and private universities in the region concerning the implementation of this degree program. While the institutions offer programs specific to a field, the programs are not applied in nature, may be costly, are inflexibly scheduled, and do not directly address the content areas specifically identified by Southwest Florida's leaders in the Fire, EMS, Criminal Justice and Legal Assisting professions.

- Barry University offers a Bachelor's degree in Public Administration. Barry University undergraduate tuition is \$340.00 per credit hour. (Barry University offers a 20% tuition discount to Edison graduates.) A letter from Barry University is attached in the Appendix.
- International College offers a Bachelor's degree in Management with Criminal Justice Specialization, and a Bachelor's degree in Criminal Justice. International College undergraduate tuition is \$360.00 per credit hour. International College offers a 30% tuition discount to Edison College graduates. The November 28, 2001 letter from International College concerning potential impact (included with the original application) is attached in the Appendix. President McMahan has said, "The letter stands."
- Florida Gulf Coast University offers a Bachelor's degree in Criminal Justice and a Master's degree in Public Administration. Tuition is \$101.85 per credit hour. The July 7, 2004 letter from William C. Merwin, President, Florida Gulf Coast University (FGCU), and Kenneth P. Walker, District President, Edison College, to Jim Horne, Commission of Education is included in the Appendix.

■ **USE OF RESOURCES – Is the proposed program the most effective way to use all education resources of the K-20 system?**

- Is there a cooperative program with a four-year institution currently in place? How effective has it been and can it be improved?

Yes. In July of 2002, the Florida Department of Education, Edison College, and Florida Gulf Coast University entered into an agreement which provided funding to support a partnership agreement between the two institutions for baccalaureate degree instructional services, in lieu of granting authority for Edison College to award two baccalaureate degrees, i.e. Computer Technology and Public Safety Management. As a result, Florida Gulf Coast University developed one degree program, i.e. the Bachelor of Science in Applied Science. Students may choose concentrations in Computer Technology or Public Safety Management. One degree with two very different concentrations has led to a significantly diminished impact, difficulty in target marketing, and the appearance of dilution of specialized curricula.

The program has not been effective in terms of securing and retaining enrollment of degree-seeking students. Florida Gulf Coast University (FGCU) reported degree-seeking enrollment of fifteen for both concentrations in 2003-2004. The following year, enrollment declined to nine students in both concentrations. This low enrollment is not reflective of the level of interest in a bachelor's degree structured to meet the needs of public safety professionals. A survey of area public safety agencies conducted by Edison College in October of 2004 indicated that 417 individuals (82.1% of survey respondents) would be interested in enrolling in such a degree program if offered by Edison College.

The limited academic advising support provided by FGCU may be one factor contributing to the program's poor performance. Three different individuals have been assigned this responsibility since the program's inception. Although office space was provided on the Edison Campus for this purpose, an advisor from FGCU is only available to students a portion of one day per week. This limits accessibility to upper division advising for Edison students nearing completion of their associate degrees, as well as limiting opportunity for coordinated advising between the two institutions.

Other factors may be the somewhat disjointed delivery structure, and FGCU's focus on the criminal justice community in lieu of targeted recruiting among Fire, EMS and law enforcement alike. One twelve-credit block of the core curriculum is actually a training program of the Lee County and Charlotte County Sheriff's Offices. The supervisory and management training is offered to employees who are given salary incentives for satisfactory completion. The result is that students in attendance are a mixture of degree-seekers and non-degree seekers, sheriff's office employees and non-employees. Some enrolled students have not even completed an associate's degree or tested into college. The incentive classes are held at various locations, while the remainder of the program's courses are held at the FGCU campus or available through distance learning modalities.

The elective and upper division general education components of the program, and at least one core course, are "cross-over" courses. They were already part of the FGCU course inventory and are shared by more than one degree program (again, criminal justice). Therefore, they tend to be scheduled at times that meet the needs of more traditional students. The Forum participants are anxious to work with Edison faculty to help develop the outcomes of the program's core and elective courses, with a focus on interagency coordination, and to see the courses offered in a shift-friendly format.

An important stipulation in the performance contract with FGCU called for jointly signed student contracts for those enrolling in the program. These contracts were to serve as personalized

advising plans and specify all required courses for the AS and BS degree. To date, Edison has not been provided an opportunity to sign any student contracts.

Such disconnects in advising and curriculum will be addressed by a fully integrated degree program offered by Edison College, incorporating feedback from constituents in the community through advisory committees. Concurrence with this view was expressed by the Presidents of both institutions in the letter to Commissioner Horne dated July 7, proposing transfer of degree authority to Edison College. The proposed agreement accompanying this letter pointed out the differences in each institution's mission as follows:

“FGCU and EC agree that EC should receive FGCU’s baccalaureate degree granting authority for the Bachelor of Science (BS) degree in Public Safety Management to accommodate the growing need for specialized, advanced technical education.”

“FGCU and EC agree that FGCU should expand the range of baccalaureate degree programs it offers in the professional and liberal arts and sciences that provide the foundation for initial practice or advanced study at the graduate level.”

These statements speak to a shared belief that a Bachelor of Science in Public Safety Management is more consistent with the demonstrated ability of Edison College to address workforce needs in the area of technical education than with Florida Gulf Coast University's demonstrated ability to provide more traditional programs founded in the liberal arts.

- ❑ Has a cooperative program been proposed by the community college or by another institution – and likely to be implemented? Can such a program be offered more efficiently than the proposed program?

No. (See above) There are no cooperative arrangements in the proposal stage. A University Center agreement with an institution outside of Florida is not permitted under the Concurrent Use Articulation Guidelines developed by the Division of Community Colleges.

- ❑ Does the proposed program duplicate programs offered by other institutions within commuting distance or through distance learning?

No.

- ❑ What additional faculty positions will be needed to offer the baccalaureate program? If existing faculty are assigned to teach in the new program, how will their current teaching assignments be covered?

See Faculty section above. One new doctoral level faculty member will be hired at the start of the program with others added as enrollment warrants.

- ❑ Are there issues related to access/articulation that, if resolved, would preclude the need for the proposed program?

No. This is a specialized technical degree appropriate for community college delivery.

■ **IMPLEMENTATION** – Can the proposed program be implemented in a timely and effective manner?

- Does the proposal adequately address the steps necessary to achieve the necessary accreditation (i.e., regional accreditation, and where available, specialized accreditation) in a timely manner? Are resources currently available to pursue and complete the accreditation process?

Yes. Edison's proposed activities include:

- Program approval from state in Spring 2005
 - Submission of Substantive Change Notification to SACS Spring 2005
(NOTE: 1-year advance notice of potential program was provided in 2001-02)
 - Enrollment begins Spring 2006
 - Southern Association Site Visit Summer/Fall 2006
- Is the planned process for inclusion of the proposed program's enrollment in to the College's registration, information and cost accounting systems delineated?

Yes. The final program requirements and course descriptions will be presented to the College's Curriculum Committee as prescribed by the College's Academic Policies and Procedures. Edison's academic degree program standards and requirements for lower division and upper division coursework and programs will be maintained, including prerequisite courses and total credit hour requirements for the degree.

Services for baccalaureate students will be fully integrated into districtwide one-stop services centralized in Edison's Taeni Hall. Program brochures and catalog information will orient students to overall outcomes of their programs (i.e., basic and interpersonal skills, critical thinking) and to the competencies, work life experiences, and chances for success they could anticipate upon graduation from the baccalaureate programs.

Office of the Registrar

An admissions counselor will handle applications, applicant screening, and transcript evaluation. New admissions materials will be created to include baccalaureate degree seekers and/or modifications made to existing forms and materials.

Additional training will be offered to familiarize the admissions counselor with upper division transfer articulation and admissions requirements. All office staff will be cross-trained in the admissions requirements of the new program.

Admissions, articulation and graduation policies and procedures will be submitted for approval by the District Board of Trustees and inclusion in the appropriate college catalog. Specific policies include:

- admissions to bachelor degree program;
- registration parameters and eligibility;
- articulation of the AS degree(s) to the bachelor degree program;
- transfer articulation; and
- graduation

Counseling, Advising and Assessment

A Clerk Specialist will handle baccalaureate phone inquiries, in-person inquiries, evening coverage, assessment process, and assistance with the enrollment process.

Existing personnel will be assigned to cover:

- Additional orientation sessions
- Additional test exemptions
- Additional CLEP testing

Additional materials will be developed for baccalaureate programs.

- Test Exemption Forms
- Education Plans
- Orientation materials
- CLEP brochures

All new staff members in Counseling, Advising and Assessment will be cross-trained to handle baccalaureate inquiries, and internal workshops will provide training for current staff on new criteria for BAS degree programs.

Financial Aid Services

The Department of Financial Aid will handle inquiries, eligibility and disbursement of Financial Aid. Additional correspondence and printed materials will be secured to meet compliance of regulations related to students beyond Associate degree programs.

Additional training will be provided to staff to meet compliance with regulations and program administration related to new group of students. Travel will include professional conferences/training sessions. USDOE will be notified immediately if the name of the college changes by revision of the Program Participation Agreement (PPA) via the Internet. Once SACS gives accreditation approval, the College will notify USDOE by additional revision of the PPA and copies of the accreditation approval. USDOE estimates this takes at least six months for clearance for federal financial aid eligibility for students. The Veteran's Administration will be notified to clear VA educational benefits for BS degrees.

Career Center Services

The Career Center will offer two career courses: Career Decision Making and Job Search Preparation. These courses would allow the Career Center to provide staff-intensive services in a group situation versus a time consuming one-on-one format.

The resources currently available in the Career Center will effectively serve BS students in career planning, occupational exploration, and job search preparation (assuming that budget cuts do not eliminate the current funding which permits renewal of resources on a three to five year replacement schedule). A few additional resources directly related to the BS program offerings and job search preparation will be acquired for each of the campus Career Centers.

Career Center staff and program faculty will meet with employers that recruit students for Bachelor's level positions both on campus and on site.

The College's Banner system supports upper division enrollments, courses and degree audits. Changes to the Student Data Base that are specific to baccalaureate-level education will be automatically incorporated into the College's Banner reporting modules.

The program does not require approval beyond the Edison College District Board of Trustees, the US Department of Education, and the Florida Department of Education. Edison has an excellent track record related to state reporting, accreditation, and financial aid reporting. The College will continue to comply with all requirements.

■ **ACCOUNTABILITY - Does the proposed program comply with statutory requirements regarding time-to-degree, articulation, and access?**

- Is the program 120 hours in length or will it require FBOE approval for additional hours?

Yes. The proposed program is 120 hours in length.

- Does the program comply with common prerequisites and other applicable requirements of state articulation agreements?

Yes. The program will comply with common prerequisites and other requirements of state articulation agreements, as it builds directly upon five associate in science programs.

- Will the program be limited access? If so, does it comply with statutory requirements and FBOE policy on limited access?

No. The program will not be limited access.

- What are the proposed admission requirements?

Institutional admissions requirements apply for Edison's baccalaureate program. Students holding an AS degree from Edison College in Emergency Medical Services, Paralegal Studies, Criminal Justice Technology, Crime Scene Technology, and Fire Science Technology, and those holding an AA degree with required program prerequisites may continue with the baccalaureate program. Because of state mandated program lengths, curriculum frameworks for AS programs, and performance standards, students with the aforementioned degrees from any Florida community college may also enroll in the program. Out-of-state transcripts will be evaluated on an individual basis per Edison College policy.

Complete integration of baccalaureate student services into existing College systems will support the smooth transition of Edison students from lower to upper division.

- Does the College provide for the collection of enrollments, completions, and other performance data, including outcomes assessment measures that will be used to assess program quality and competencies attained by graduates?

Yes.

College Reporting

Edison College will comply with the new requirements for baccalaureate degree reporting on the Student Data Base. Enrollments and Completions (as reported on Student Data Base) and job placements (as reported by the Florida Employment Training Placement Information Program (FETPIP)) are reported college-wide on the Planning and Research pages on the college Intranet. The Office of Institutional Research also annually prepares a College fact book and “Facts at a Glance,” available on the College web site.

Program Assessment

As outlined in the course description, the Capstone course would permit the student and professor to jointly assess the complete program while providing the student with integrative experiences in technology studies. This assessment will then feed back into the program, ensuring continuous program improvement.

Academic programs have primary responsibility for reviews of instructional programs on a three-year cycle. However, the Office of Institutional Research (within the Department of Institutional Advancement) provides research and analysis in support of this process. The role of institutional research, as it applies to academic program review, is described in Figure 1.

Associate in Science Programs, however, are reviewed on an annual cycle. Figure 2 illustrates a sample “Executive Summary” of program effectiveness measures used in this evaluation. The BS Program will be evaluated in a similar manner.

Figure 1: Planning and Evaluation Cycle: Educational Programs

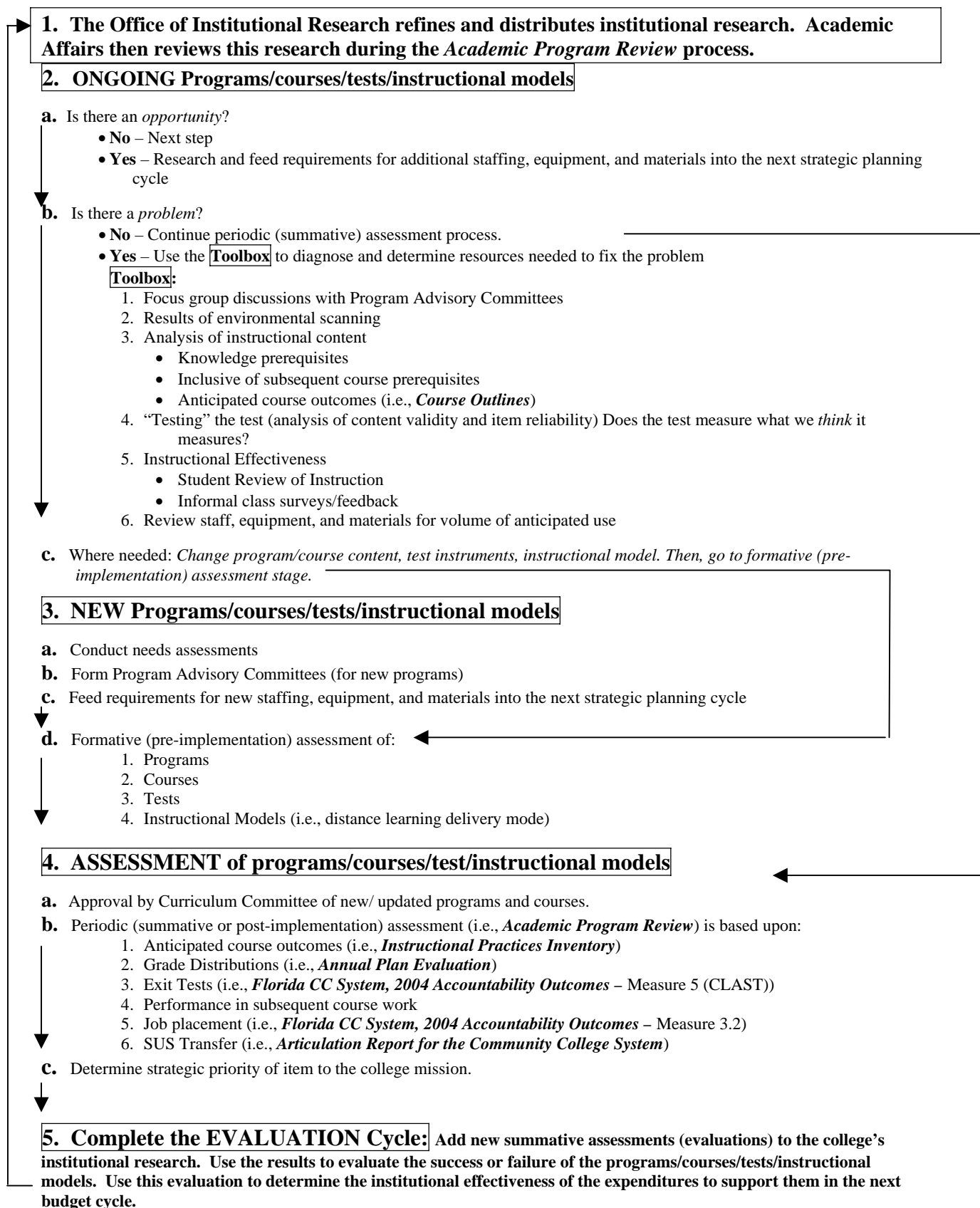


Figure 2: Executive Summary - Associate in Science Program Effectiveness Measures

SAMPLE

Program: Criminal Justice Technology

State CIP Code: 1743010300

Local Major Codes: 1270201, 1270202, 1270203, 1270204, 1270215, 1270216

<i>Program Performance Indicators</i>									
Item	Actual 1998	Actual 1999	% Change	Actual 2000	% Change	Goal* 2001	% Change	Actual 2001	Evaluation: Met goal? (Y/N)
Headcount:									
Charlotte	17	24	41.2%	18	-25.0%	20	10.0%		
Collier	26	35	34.6%	30	-14.3%	32	6.0%		
Hendry/Glades	2	1	-50.0%	1	0.0%	2	50.0%		
Lee	87	108	24.1%	114	5.6%	120	5.0%		
<i>Total</i>	<i>132</i>	<i>168</i>	<i>27.3%</i>	<i>163</i>	<i>-3.0%</i>	<i>174</i>	<i>6.3%</i>		
% Retained:									
Charlotte					60.0%				
Collier					57.0%				
Hendry/Glades					N/A				
Lee					68.8%				
<i>Total</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>						
Graduation:									
	15	33	54.0	28	-17.8%				
UC Articulation:									
	0	0	N/A	3	N/A				
Licensure:									
	N/A	N/A	N/A	N/A	N/A				
ECC Grad Placement Rate:									
Found	25	31		14					
Placed	23	28		12					
Placement Rate	92.0	90.3%		85.7%					
Environmental Trends					Sources of Information:				
	1998	1999	2000						
Edison AS College-Wide Retention	56.2%	N/A	58.8%	Headcount: Unduplicated Headcount by Program by Academic Year (and Campus)					
CC System Placement Rate for this Program:				* Goal 2001 Headcount: Program Coordinator sets goals (with approval of the Instructional Dean). Upon approval, a copy is sent to the Office of Institutional Research in order to prepare the Annual FTE Forecast (due to DCC in June).					
Found	197	221	255	% Retained: One-Year Retention by Program (College-wide and by Campus)					
Placed	149	164	183	Graduation: AA-1A Verification Report (Student Data Base)					
Placement Rate	75.6%	74.2%	71.7%	UC (University Center) Edison University Center Articulation:					
Occupation Title:	Sheriff or Deputy Sheriff			Licensure: Florida Accountability Measures 3.1					
Expected Job Growth -				Job Placement: Florida Accountability Measures 3.2					
10-Yr % Change:	56.5%			Occupational Projections: Florida Industry and Occupational Employment Projections - Region 24 (1998-2008) (Dept. Labor and Employment Security)					
Annual % Change:	5.7%								

■ **COST EFFECTIVENESS - Will the proposed program provide the most cost effective use of the State’s education resources to meet the identified workforce needs?**

- Is the incremental cost (including capital outlay) to the State less than other available options?

State Universities	\$ 244.36 (most recent avg. upper-level expenditure per credit hour less matriculation – 2003 Exp Analysis)
Independent Universities	\$2,369 (annual FRAG 2004-05)

Yes.

- Is the cost to the student less than with other available alternatives?

State Universities	\$68.16 average matriculation fee per credit hour (2004-05)
Independent Universities	\$16,073 average annual tuition or \$535.77 per credit hour (2004-05)

Yes. Edison College will charge no more than the allowed “maximum sum of the technology fee and the tuition for baccalaureate programs per credit hour”. (In 2004-05 this is \$57.94 for resident baccalaureate.) Out of state will be no more than 85 percent of the cost of the tuition and out-of-state fees at Florida Gulf Coast University.

In addition to tuition and fees, Florida Gulf Coast University’s catalog indicates a \$ 35.50 health fee and a \$75 parking fee. Florida Gulf Coast University’s BS in Applied Science degree program primarily serves the needs of the Lee County and Charlotte County Sheriffs’ offices, and those agencies pay employee’s tuition and fees from their budgets. Agency personnel have pointed out that their employees are already fully covered for medical expenses. Edison College does not assess fees for medical coverage or for parking.

2004-05 per credit hour tuition for Florida Gulf Coast University’s BS in Applied Science degree is \$101.85.

Upper Division Matriculation Fee Comparison (60 hrs)

EDISON	60 hr @ \$57.94 (2004-05 limit exclusive of discretionary fees)	\$3,477
FGCU	60 hr @ \$101.85	\$6,111

- Will the proposed programs contribute significantly to meeting important workforce needs in the service region and, if appropriate, throughout the State?

Yes. Community Colleges have been given the opportunity to offer site-based baccalaureate degrees in order to increase the State’s total production of baccalaureate graduates relative to other regions of the country.

Edison's proposal is intended to serve students who would not otherwise be able to work toward a four-year degree due to time, articulation problems and geographical constraints.

The proposed program has an applied, as opposed to research (or theory-based) focus, making the program graduates more immediately useful to their professions. Universities have a research agenda that is also valuable to Florida's economic development. It is not Edison's intention to usurp that role.

Thus, graduates of Edison's programs will receive a "just-in-time" set of competencies deemed appropriate by faculty and industry experts. Supplemental theoretical work may be completed later, should the student decide to matriculate in a master's program. In offering an alternative to the university model, more students will be served.

Summary

- In light of all information provided, summarize the net value added through the proposal program for the delivery of baccalaureate education in your region and in the State.

Edison College will address community needs for a strong, well educated public safety network in Southwest Florida. The employer community has clearly indicated the need for this degree program and willingness to partner with Edison College to assure its success and viability. There is a clear understanding that in order to develop effective management in the field of public safety, a tailored educational opportunity must be provided locally.

The College has the ability to provide local Public Safety agencies the template to develop effective supervisors and managers within their agencies, and has developed a curriculum that addresses their unique perspectives and responsibilities. Learning experiences are designed to address issues vital to this field including homeland security, natural disaster response, interagency communication, public safety financing and human resource development.

Edison College enthusiastically requests the authority to award the BS in Public Safety Management. The College looks forward to maintaining its long tradition of flexible, community oriented, student centered learning in this important field of study.