I. Status of Students

A. Number of Graduates:

1. Undergraduates:
   - Summer 2007: 164
   - Fall 2007: 275
   - Spring 2008: 352
   - Total: 711

2. Graduates:
   - Summer 2007: 118
   - Fall 2007: 157
   - Spring 2008: 203
   - Total: 478

   Grand Total: 1,189

B. Credit Hours Produced:

1. Undergraduates:
   - Summer 2007: 31,176
   - Fall 2007: 97,789
   - Spring 2008: 93,511
   - Total: 224,476

2. Graduates:
   - Summer 2007: 4,777
   - Fall 2007: 12,108
   - Spring 2008: 12,235
   - Total: 29,120

   Grand Total: 253,596

II. Status of Actions in Strategic/Annual Plans

A. Strategic Plans

1. Strategic Objective 2.11-C: Ensure that each college of the University develops programs of excellence that are benchmarked against peer institutions – 25 percent completed. Faculty members are selecting and studying peer institutions. Some peer institutions have been selected.

2. Strategic Objective 2.10-C: Determine which and how professional program accreditation will be pursued in the College – 40 percent completed. B.S. in Geomatics
and MPA have been selected. Data are being collected for the Geomatics ABET self study, and a response is being prepared for the NASPAA interim report.

3. Strategic Objective 4.1: One hundred percent of the faculty and staff will be trained in the use of technology needed to execute their responsibilities – 45 percent completed. Technology training survey has been completed. Data was reviewed and a white paper for training plan has been developed.

B. Annual Plans

1. Increased Sponsored Programs

a. Archaeology

Funded

Alabama Electric Cooperative, Inc., “Cultural Resource Assessment of the Springville Substation Project in Lee County,” $2,288.00

City of Hayneville Hayneville, “Sewer Lagoon Expansion Project in Lowndes County,” $2,425.00

Covington County Commission, “Cultural Resource Assessment of the Brenda Halverson Easement in Covington County,” $2,050.00

Power South Energy, “Cultural Resource Assessment of the Cotton Creek Substation Project in Baldwin County,” $2,975.00

Power South Energy, “Cultural Resource Assessment of the Wind Creek Substation and Transmission Line in Escambia County,” $3,500.00

Power South Energy, “Cooperative Cultural Resource Assessment of the Oswichee Substation and Transmission Line in Russell County,” $2,735.00

Total Funded $21,108.00

b. Biology

Funded
National Science Foundation, “Deep South Plant Specimen Imaging Project (DSPSIP),” $4,661.00

Wiregrass Resource Conservation & Development, “Project Water Management Practices Display and Aquatic Ecosystem Demonstration Program,” $4,000.00

Total Funded $8,661.00
*Not Funded*
American Hiking Society, “National Trails Fund Improvements to the Harrison Walking Trail,” $5,000.00

National Institute of Health, “Small Molecule Interactions with the Androgen Receptor,” $125,000.00

National Science Foundation, “MRI: Acquisition of a Scanning Electron Microscope for Education and Research,” $686,487.00

National Science Foundation, “Unifying Teams with Unifying Themes in Biological Science,” $100,000.00

US Environmental Protection Agency, “Treatment of Endocrine Disrupting Compounds from Mobile Bay Watersheds with Advanced Oxidation,” $25,000.00

Total Not Funded $941,487.00

*Pending*
National Science Foundation Faculty Early Career Development (CAREER) Program: Determining the Status of the Eastern Bluebird in South Alabama, $727,880.00

National Science Foundation & University of Central Florida Intercultural Ethics Education in Science and Engineering,”

Total Pending $727,880.00

Total Biology $1,678,028.00

c. Computer Science

*Not Funded*
Microsoft Awards to Improve Research Endeavors Richard Newton Breakthrough, “Quantitative Risk Assessment and Risk Management with Security and Privacy Meter Models & Game Theory for Trustworthy Computing,” $89,840.00

Total Not Funded $89,840.00

d. Criminal Justice and Social Sciences

*Not Funded*
Wiregrass Resource Conservation & Development, “Pike County Historic Image Project $3,000.00

Total Not Funded $3,000.00
e. Dean's Office
Funded
Alabama Medical Education Consortium Alabama Medical Education Consortium
$35,500.00

Total Funded Dean’s Office $35,500.00

f. English
Not Funded
National Endowment for the Humanities Summer Stipends, “Elizabeth Inchbald's Reputation: A Publishing and Reception History, $6,000.00

The Folger Shakespeare Library, “Inchbald, Hawthorne, and the Romantic Moral Romance,” $2,000.00

The Huntington Library, “Inchbald, Hawthorne, and the Romantic Moral Romance: Little Histories and Neutral Territories, $2,500.00

Total Not Funded English $10,500.00

g. Geomatics
Funded
Department of Interior, Bureau of Land Management, Equipment Donation, $9,179.67

Total Funded Geomatics $9,179.67

h. History
Pending
National Endowment for the Humanities, “Black Masculinity in History and Literature 1730-1945,” $16,350.00

Total Pending History $16,350.00

i. History & Social Sciences
Pending

Total Pending History and Social Science $11,340.00.

j. Mathematics & Physics
Not Funded
National Science Foundation, “Experimental Study of Non-Thermal Plasma Responses to Acoustic Shock Waves,” $273,287.00

Total Not Funded Math and Physics $273,287.00
Pending
National Science Foundation, “MRI: Acquisition of a Monochromator System for Spectroscopic Research in Plasma Physics,” $132,028.00

Total Pending Math and Physics $132,028.00

Total Math and Physics $405,315.00

k. Retired Senior Volunteer Program
Funded
AARSVP, “Retired Senior Volunteer Program (RSVP),” $17,000.00

Corporation for National & Community Service, “Retired Senior Volunteer Program (RSVP),” $72,970.00

Pike County Commission, “Retired Senior Volunteer Program (RSVP),” $2,500.00

Pike County United Appeal, “Retired Senior Volunteer Program (RSVP),” $2,500.00

Private Gifts, “Retired Senior Volunteer Program (RSVP),” $1,574.00

Total Funded Retired Senior Volunteer Program $96,544.00

Total College Activity $2,376,704.67

2. Evaluate eCampus Effect on Enrollment Shifts
This initiative has begun with the deans and evaluation will continue.

3. Increased Internationalization Efforts
A study abroad course is in progress in collaboration with the Sorrell College of Educations. Students are studying environmental science and business at Vyatka State University in Kiev, Russia.

A 2 & 2 program with Vyatka Humanities University (Russia) was developed in Environmental Science with the assistance of Dr. Glenn Cohen.

A 2 & 2 program with Qiugdao University (China) was developed in chemistry by Dr. Chris King.

Grant was received from Catania University (Italy) for Dr. Vitaly Vooshin. A manuscript, with Prof. Gionfriddo (Italy), is in preparation entitled, “Mixed Hypergraph.”

Dr. Jim Sherry studied in France.

Dr. Ken La Brandt studied in Guatemala.
Dr. Katya Kobeleva from Vyatka Humanities University in Russia was a Visiting Scholar in English.

Dr. Weigun Wang from Soochow University in China was a visiting scholar in chemical education.

Dr. Emrah Orhun, in the Computer Science Department, will have visiting faculty members from the European Union as a result of his FIPSIE grant.

4. Pursue Program Accreditation
NSAPAA accreditation of the MPA program and ABET accreditation of the BS in Geomatics program are both in progress.

A preliminary study of the potential for ABET accreditation of the computer science program is beginning.

5. Develop New Academic Programs
Food Safety Concentration in the Biology Program

Undergraduate Homeland Security Concentration in the Criminal Justice Program

Several new courses added to the Geography Concentration in Social Science

On-line History Major

6. Develop Resources for Academic Programs
New faculty positions have been added in political science, but resource development is a challenge for the College.

7. Begin Planning for the College of Science and Technology
A proposal for the development, with accompanying timeline, has been submitted.

III. Changes in Staffing

A. Changes in Faculty – loss of 11 and gain of 12.5

B. Tenure/Promotions – 6 tenured and 7 promoted

C. Net Gain or loss in faculty – gain of 1.5

D. Changes in Chair – 1 promoted to Associate Dean, 1 stepped down, 2 faculty members promoted to chair, and 1 chair resigned (replacement to be interviewed)
IV. New Academic Programs

Food Safety Concentration in the Biology Program
Undergraduate Homeland Security Concentration in the Criminal Justice Program

Several new courses added to the Geography Concentration in Social Science

On-line History Major

V. Improvements in Facilities/Technology

Completed new computer lab of 24 Macs in Malone Hall, primarily for science classes, on Dothan Campus

New image processing programs (Photoshop Elements 6 and CombineZ [a z-axis method to add depth to focusing of micrographs]) -- Biology Program on the Troy Campus

Gas chromatograph/mass spectrometer – Chemistry Program on the Troy

Updated computers, monitors, and printers for faculty and staff members – various departments on campuses

Converted MSCX 112 on the Troy Campus from a lecture classroom to an Earth Science lecture/lab room (new tables, chairs and storage equipment were installed)

Installed 10 licenses of Cyclone software along with Civil 3D; large format digitizer, and two new reflectorless Total Stations, a combination of an electronic theodolite (transit), an electronic distance meter (EDM) and software running on an external computer for collecting data for Geomatics students on the Troy Campus

Campus-wide upgrades of classrooms with additional computer, digital projection, and video equipment completed in the past year on the Montgomery Campus

Major upgrades for the Science laboratories completed on the Montgomery Campus -- biology labs greatly improved with the procurement of standard lab equipment such as pH meters, hot plates, and hot baths; for chemistry labs, six spectrometers added and glassware updated; newer and more up-to-date equipment added to the physical science lab; models for anatomy labs upgraded; new autoclave purchased for the microbiology lab

VI. College Specific Student Satisfaction Information

Data from the 2007 Alumni Survey for the College of Arts and Sciences: this data has been distributed to all associate deans and chairs for additional distribution to faculty members for consideration in working with students.
Average rating of student satisfaction (Scale of 0 – 5)

Practical skills and abilities 2.93
Basic knowledge and concepts 2.64
Student services 2.87
Educational experiences 3.25

Percentage of negative ratings (‘Some’ and ‘Very little’)

Writing competency 19.9%
Critical and creative thinking skills 24.5%
Oral communication 32.1%
Problem solving skills 31.9%
Reading comprehension 25.7%
Listening skills 33.6%
Ability to work with others 37.3%
Leadership skills 38.0%
Planning and project management 37.9%
Adjust to new job demands & situations 36.9%
Global cultural differences & diversity 38.6%
Multimedia presentation skills 40.5%
Information technology/Computer skills 31.9%
Scientific principles and methods 40.5%
Mathematical skills and concepts 52.3%
Understanding & appreciating the arts 51.3%

Percentages of negative ratings (“Fair” and “Poor”) on educational experiences

Availability of classes 17.4%
Academic advising/counseling 25.2%
Social experiences 24.2%

Recommendation of Troy University (“Definitely Yes” or “Probably Yes”)

Did your degree help increase your job security? 69.0%
Did your degree help advance your career? 60.9%
Has your college education at Troy University improved the quality of your life? 84.8%
If you could start college all over again, would you choose the same major? 65.2%
If you could start college all over again, would you choose Troy University? 83.1%
Would you recommend Troy
VII. Summary of Status of Student Learning Outcomes and/or Performance on Standardized Field Tests or Licensing Exams

Our college requires Major Field Tests in the following undergraduate majors. The table below shows by how much the college's scores were above or below the national average in the MFTs from Summer 2007-Spring 2008. Our other undergraduate majors require in-house exams or assess students through specific questions on final exams in specific required courses.

### Summer 2007-Spring 2008

<table>
<thead>
<tr>
<th>Major</th>
<th>Above or Below National Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>-9.11</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>+5.19</td>
</tr>
<tr>
<td>English</td>
<td>+1.63</td>
</tr>
<tr>
<td>History</td>
<td>-5.04</td>
</tr>
<tr>
<td>Political Science</td>
<td>+4.61</td>
</tr>
</tbody>
</table>

**Other majors**

- Chemistry: 29 SLOs were completed satisfactorily out of 45 SLOs. 16 SLOs were not met. These results are predominantly from Fall 2006 and some are from Fall 2007 data.
- Comprehensive General Science: 1 out 1 SLOs was not met.
- Computer Science: 2 out of 3 SLOs were accomplished.
- Geomatics: 1 out of 6 SLOs were accomplished, based on national exam scores. Spring 2008 data has not yet been received from the national exam.
- Mathematics: 1 out of 4 SLOs were accomplished.
- Social Science: 1 out of 2 SLOs were accomplished.
- Sociology: 5 out of 5 SLOs were accomplished.

During the month of August, assessment data for Summer 2008 will be entered. With at least one year of assessment data now available to each academic discipline committee, during Fall Semester 2008 we will be planning how to improve our assessment results in each of our majors.
VIII. Reflections/Implications/Plans for Improvement

A. Arts and Sciences in General
Through our hybrid courses, "Smart Scheduling" has been initiated, which allows students to benefit from on-line and traditional classroom instruction in the same class while driving to campus only one day a week.

On-line MFTs for some programs and MAPP exams for students have bee initiated.

There has been continued emphasis on improvement in adjunct faculty qualifications and performance.

Advisory functions and effectiveness have been refined on the Montgomery campus.

Emphasis on technology opportunities and use continues.

Efficient and effective coordination among campuses, including Global Campus, has been improved.

Student recruiting initiatives have been expanded.

There has been more effective coordination between academic programs and University assets, such as the Rosa Parks Museum and archival holdings.

B. Biology
Courses and curriculum mapping are being reviewed to ensure the course coverage and sufficient overlap without duplication while eliminating gaps.

Greater emphasis is being placed on research productivity for the junior faculty. Standards for thesis proposals and theses are being raised, and a graduate committee is revising the program’s thesis proposal guidelines.

C. Chemistry
Student success in general chemistry has decreased over the last several years, partially as a result of general-studies students taking chemistry because earth science and physical science sections were not available. A chemistry faculty member will teach a section of physical science to provide more sections. Students are also being advised that they have to “learn how to learn.” That message is being presents to IMPACT students this summer. The chemistry faculty are being advised to emphasized “learning how to learn” in their freshmen classes.

D. Computer Science
The undergraduate curriculum in computer science is being reviewed to streamline the courses, allowing students to move through the program more efficiently.
E. Geography
The Geography program has proposed a computer lab which will be used by the Geography program, the Criminal Justice Program, and other programs. Approval is pending.

F. Geomatics
The Geomatics program has begun the process toward ABET accreditation. Administrative approval was granted and data collection has begun. As part of this process the Geomatics curriculum was reviewed and improvements made.

G. English
English faculty members have determined that there is a need to keep up better with technological developments, and the College will work with them to achieve their goal.

COMPASS placement testing in English started in Fall 2007, resulting in more students being placed in developmental English, ENG 1100. Faculty members are seeing improvement in composition courses.

English Language Arts students in Dothan worked in service learning projects for Southeast Alabama Community Theatre's productions and are spending three weeks this summer volunteering with Southeast Alabama Community Theatre's (SEACT's) summer theatre camp for kids.

H. History
Dothan history faculty are making significant contributions to "Alabama in the Great War: A Symposium on World War I" in conjunction with the Alabama Department of Archives and History and the Alabama Humanities Foundation in Montgomery.

Deans and department chairs need to actively support faculty involvement and promote student enrollment in IDS 2200, “Crossroads: Sophomore Seminar in Creative Thinking.”

Hire a much-needed social science/history education faculty member to facilitate advising of advising social science/history education majors has been accomplished.

I. Mathematics
The COMPASS placement testing system in mathematics was initiated in Fall 2007. COMPASS testing resulted in more students placed in developmental courses. Performance on final exams at the end of fall in MTH 1112 improved; the faculty members attribute this improvement to more accurate placements through COMPASS.

J. Political Science
The MPA program is seeking NASPAA accreditation. Budget increases have been proposed to support this initiative.
IX. Plans for the Coming Year

A. Arts and Sciences in General
Continue initiatives developed and continued in VIII.

Develop and execute the international student initiative for computer science on the Montgomery Campus.

Continue to upgrade Science laboratory facilities and expand course offerings to offer quality programs and meet student demand.

B. Biology
The use of Blackboard for traditional classroom courses will be gradually increased in order to blend the strength of the classroom experience with the strengths of Blackboard.

Lab courses will be developed to use cameras to project microscope images through digital projectors. We will be placing greater emphasis on the use of computers in the labs for data analysis and image capturing.

C. Chemistry
Some benches in the general chemistry labs on the Troy Campus will be modified for student access for handicapped students. Also, there are plans to purchase a set of these new spectrometers for use in general chemistry labs.

D. Computer Science
The program will Participate in the initiative to establish a CS master’s degree in Bangalore, India.

There will be study to access the potential for ABET accreditation.

E. Criminal Justice
The Graduate Criminal Justice program has proposed a Homeland Security Concentration in the MS in Criminal Justice. Approval is pending.

An undergraduate Criminal Justice Concentration in Forensic Approached to Criminal Justice is being developed.

All department programs and working toward including new technologies such as GIS (Geographical Information Systems) into the curriculum.

F. English
The program will expand global literary studies in the classroom

G. History
The department in Troy will conduct a national-level search for a tenure track Assistant/Associate/Professor in American history in 2008-2009.
H. Information Systems in Arts and Sciences
To meet student and community needs, the College, in collaboration with the Sorrell College of Business, will develop a new Information Science degree to replace the Applied Computer Science degree

I. Political Science
The Ambassador in Residence Program will be initiated in the coming academic year.

Ph.D. in Public Safety is being developed (Approved by the Board of Trustee).

J. Social Sciences
Members of the department, along with members of other A&S departments, are developing a proposal for a new degree in Global Studies.

K. Sociology
A gerontology minor in sociology is being developed.