



ALAMO
COLLEGES

Office of the President

ST. PHILIP'S COLLEGE

Dr. Belle Wheelan, President,
Commission on Colleges
Southern Association of Colleges and Schools
1866 Southern Lane, Decatur, GA 30033

May 20, 2010

Dear Dr. Wheelan,

This letter is in response to your recent communication requesting additional information regarding St. Philip's College offering three new degree programs. Specifically, you requested the following information:

Associate of Arts in Statistics

The program requires one new course. The new course is similar to MATH 1442; however, credit cannot be earned for both courses per the ACGM requirements. No new faculty is required as we currently have three statistics faculty and statistics tutors. No new resources were required. This program is similar to the existing Mathematics and Pre-Engineering programs.

Associate of Science in Earth Sciences and Natural Energy Resources

The program requires three new courses. No new faculty is required. Three new labs were required. A computerized weather station, custom tanks and a computer lab were required. The existing Environmental Science program is similar to this program.

Associate of Applied Science in Power Generation and Alternative Energy

The program requires ten new courses. One new faculty is required. Three new labs were outfitted with basic electronic test equipment, as well as, solar, wind, hydrogen fuel cell and instrumentation equipment. The existing Computer Maintenance program has five academic and six technical courses in common with this program.

Attached, please find the degree plans for each new program. In addition, attached is a table outlining the new courses, faculty members, and resources required for each program. Also included is a listing of similar programs that were offered during the time of implementation of each program.

Sincerely,

Adena Williams Loston, Ph.D.
President

c: Dr. Michael Johnson, Vice-President, Commission on Colleges

Arts and Sciences Division
 Associate of Arts Statistics (2038)
 Associate of Arts
 Total Credit Required: 61-63

Classes	Gen. Edu.
<i>Communication</i>	
ENGL 1301	3
ENGL 1302	3
<i>Mathematics</i>	
MATH 2412	4
<i>Natural Sciences</i>	
BIOL 1408	3-4
BIOL 1409	3-4
or	
CHEM 1411	3-4
CHEM 1412	3-4
or	
PHYS 2425	3-4
PHYS 2570	3-4
<i>Humanities and Visual/Performing Arts</i>	
ENGL 2311	9-10
Select 1 Course from the Additional Humanities (40) Core	
Select 1 Course from the Visual and Performing Arts (50) Core	
<i>Social and Behavioral Sciences</i>	
GOVT 2305	3
GOVT 2306	3
PSYC 2317	3
Select 2 from the History (60) Core	6
<i>Kinesiology</i>	
Select 1-2 Courses from the Kinesiology (90) Core	2
<i>Additional Requirements</i>	
	14
MATH 2318	
MATH 2342	
MATH 2413	
MATH 2414	

Applied Science Division
 Earth Sciences and Natural Energy Resources (2045)
 Associate of Applied Science
 Total Credit Hours Required: 61-63

Classes	Gen. Edu.
<i>Communications</i>	
ENGL 1301	3
ENGL 1302	3
SPCH 1321	3
<i>Mathematics</i>	
Select 1 course from the Mathematics (20) core	3-4
<i>Natural Sciences</i>	
CHEM 1412	4
CHEM 1411	4
<i>Humanities and Visual/Performing Arts</i>	
Select 1 Course from the Humanities (40) Core	9-10
Select 1 Course from the Additional Humanities (41) Core	
Select 1 Course from the Visual and Performing Arts (50) Core	
<i>Social and Behavioral Sciences</i>	
GOVT 2305	3
GOVT 2306	3
Select 1 Course from the Social and Behavioral Sciences (80) Core	3
Select 2 from the History (60) Core	6
<i>Kinesiology</i>	
Select 1-2 Courses from the Kinesiology (90) Core	2
<i>Additional Requirements</i>	
15	
GEOL 1445	
GEOL 1447	
GEOL 2389	
PHYS 1401	

Applied Science Division
 Power Generation and Alternative Energy Degree (2926)
 Associate of Applied Science

Total Credit Hours: 60

Classes	Gen. Edu.
<i>Electronics and Information Technology</i>	
CETT 1307	3
CETT 1409	4
CETT 1329	3
FCEL 1302	3
CETT 1325	3
INTC 1341	3
INTC 1357	3
INTC 1359	3
RBTC 1301	3
WIND 2359	3
<i>Mathematics or Natural Sciences</i>	
Math	3
or	
Natural Sciences	3
<i>Allied Construction</i>	
ELPT 2239	2
Hart 1311	3
<i>Social or Behavioral Science</i>	
Social Science	3
or	
Behavioral Science	
<i>Humanities or Fine Arts</i>	
Humanities	3
or	
Fine Arts	3
<i>Communications and Learning</i>	
Communications	3

Table: St. Philip's College New Program Requirements (Courses, Faculty, and Resources) and Similar Programs

<i>Programs</i>	<i>New Courses</i>	<i>New Faculty</i>	<i>New Resources</i>	<i>Similar Programs</i>
<i>Associate of Arts in Statistics</i>	<i>MATH 2432: Statistical Methods for Math Majors</i>	<i>None</i>	<i>None</i>	<i>Mathematics Pre-Engineering</i>
<i>Associate of Science in Earth Sciences and Natural Energy Resources</i>	<i>GEOL 1445: Oceanography GEOL 1447: Meteorology GEOL 2389: Academic Cooperative</i>	<i>None</i>	<i>Three labs: Computerized Weather Station Custom Tanks Computer labs</i>	<i>Environmental Science</i>
<i>Associate of Applied Science in Power Generation and Alternative Energy</i>	<i>ELPT 2239: Electrical Power Distribution INTC 1341: Principles of Automatic Control FCEL 1302: Intro to Fuel Cell Technology INTC 1357: AC/DC Motor Control WIND 2359: Wind Power Delivery Systems HART 1311: Solar Fundamentals INTC 1359: Temperature Control INTC 1358: Flow and Measurement Control INTC 2359: Distributive Control Systems INTC 2388: Internship: Instrumentation Technology/Technician or INTC 1355: Unit Operations</i>	<i>1</i>	<i>Three labs: Basic Electronic Test Equipment Solar Wind Hydrogen fuel cell Instrumentation equipment</i>	<i>Computer Maintenance</i>