**SOUTHERN UNIVERSITY**

Civil & Environmental Engineering Department

***GRADUATING STUDENT EXIT SURVEY***

 ***Semester: \_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

*To further improve the educational experiences of those who follow you, and to assist us in re-examining our program, please answer each question as accurately as possible.*

|  |  |  |  |
| --- | --- | --- | --- |
| ***Last Name:***  | ***First Name:***  |  | ***M.I.***  |
| ***Permanent Address:***  |  | ***Phone No.: ( )*** |
| ***Current Address:***  |  |

**BIOGRAPHICAL /ENROLLMENT DATA**

**1- Sex: 2- Race: 3- Citizenship: 4- Residence: 5- Current Age:**

 [ ]  Female [ ] Black [ ]  US [ ]  Louisiana [ ]  22 or under

 [ ]  Male [ ]  White [ ]  Other \_\_\_\_\_\_ [ ]  Other \_\_\_\_\_\_\_ [ ]  23-29

 [ ] Other\_\_\_\_\_\_\_\_ [ ]  30 or older

**6- While pursuing your degree, did you: 7- Number of years in attendance at Southern University?**

[ ]  Enrolled at SUBR to begin college study? [ ] One [ ]  Two [ ]  Three

[ ]  Transfer from a 2-year college? [ ] Four [ ]  Five [ ]  Six or more

[ ]  Transfer from another university?

1. **Please estimate your cumulative GPA upon completion of your degree curriculum.**

 [ ]  3.5 - 4.00 [ ]  3.0 - 3.49 [ ]  2.5 - 2.99 [ ]  2.0 - 2.49 [ ]  below 2.0

1. **Level of activity in COE student organizations?**

 [ ]  High [ ]  Moderate [ ]  Low [ ]  None

1. **Average number of hours employed per week during the** **past academic year?**

 [ ]  None [ ]  1-10 [ ]  11-20 [ ] 21-30 [ ] 31-40

1. **What are your immediate employment plans?**

 [ ] I plan to work in a job I recently obtained. [ ]  I am currently looking for a job.

 [ ] I plan to continue working in present job. [ ]  I don’t plan to work outside the home.

 [ ] I plan to continue my education before working full time. [ ]  I have not formulated my employment plan.

1. **If you indicated in question #11 that you currently have or will be starting a new job, to what extent is it related to your major or area of study at Southern?**

 [ ]  Directly related Is the job in Louisiana? [ ]  Yes [ ]  No

 [ ]  Somewhat related

 [ ] Not related

Employer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Location\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **If you indicated in question #11 that you will continue your education, what:**

Degree? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_University? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Start Date? \_\_\_\_\_\_\_\_\_

1. **Did you take the FE Exam?** [ ]  Yes [ ]  No Did you pass? [ ]  Yes [ ]  No [ ]  Results not known.

**ASSESSMENT OF SPECIFIC SKILLS, ABILITIES, AND ATTRIBUTES**

Please give us feedback on the following skills, abilities and attributes that are generally expected of engineering professionals. Base your responses on your total learning experience as an undergraduate student (i.e., course interactions with faculty and other students, co-op experience, etc.). Please feel free to use the space provided after each list to briefly explain your responses, especially if you feel that your preparation was less than adequate. Use a response scale of 1 through 5 with the following explanations for use when estimating value:

*0 =No Response 1 =Not Important 2=Somewhat Important 3=Important 4=Very Important 5=Extremely Important*

**15- An understanding and ability to apply knowledge of:**

**Emphasis Given in Program was: Value to Professional Development**: **Too Much Adequate Too Little 1 2 3 4 5**

Mathematics [ ]  [ ]  [ ]  [ ]  [ ]

Natural Sciences [ ]  [ ]  [ ]  [ ]  [ ]

 Computer Science [ ]  [ ]  [ ]  [ ]  [ ]

 Humanities & Social Sciences [ ]  [ ]  [ ]  [ ]  [ ]

1. **An understanding and ability to apply knowledge of:**

 Mechanics (Statics, Dynamics) [ ]  [ ]  [ ]  [ ]  [ ]

 Environmental Systems [ ]  [ ]  [ ]  [ ]  [ ]

Geotechnical Systems [ ]  [ ]  [ ]  [ ]  [ ]

 Structure Systems [ ]  [ ]  [ ]  [ ]  [ ]

Transportation Systems [ ]  [ ]  [ ]  [ ]  [ ]

 Water Resources Systems [ ]  [ ]  [ ]  [ ]  [ ]

 Experimental Apparatus [ ]  [ ]  [ ]  [ ]  [ ]

 Design Process [ ]  [ ]  [ ]  [ ]  [ ]

 Professional and Ethical Responsibility [ ]  [ ]  [ ]  [ ]  [ ]

**ASSESSMENT OF THE ENVIRONMENT OF LEARNING**

Please indicate the level of your satisfaction with each of the following aspects of your experience at Southern University. Feel free to use the space provided after each list to briefly explain your responses, especially if you feel less than satisfied with a particular experience.

1. **Quality of instruction and support for** **learning by the faculty in:**

 **No Extremely Very Somewhat Not**

 **Option Satisfied Satisfied Satisfied Satisfied**

 Mathematics & Natural Sciences [ ]  [ ]  [ ]  [ ]  [ ]

 Humanities & Social Sciences [ ]  [ ]  [ ]  [ ]  [ ]

CE Major Course [ ]  [ ]  [ ]  [ ]  [ ]

Non-CE Engineering Courses [ ]  [ ]  [ ]  [ ]  [ ]

1. **Equity of Advisement with respect to**

Academic Planning [ ]  [ ]  [ ]  [ ]  [ ]

Career Planning [ ]  [ ]  [ ]  [ ]  [ ]

 Graduate Education [ ]  [ ]  [ ]  [ ]  [ ]

**19-Equity of treatment by:**

 Academic Administrators [ ]  [ ]  [ ]  [ ]  [ ]

 Faculty & Staff [ ]  [ ]  [ ]  [ ]  [ ]

 Fellow Students [ ]  [ ]  [ ]  [ ]  [ ]

**20- Physical quality of the following facilities:**

Computing [ ]  [ ]  [ ]  [ ]  [ ]

Classrooms [ ]  [ ]  [ ]  [ ]  [ ]

Laboratories [ ]  [ ]  [ ]  [ ]  [ ]

Library [ ]  [ ]  [ ]  [ ]  [ ]

**ASSESSMENT OF 1-7 ABET OUTCOMES**

Please give us feedback on the following skills, abilities and attributes that are expected of you at the time of graduation.

Use a response scale of 1 through 5 with the following explanations for use when assessing ABET outcomes.

*1 =Not Prepared 2=Somewhat Prepared 3= Prepared 4= Well Prepared 5= Extremely Well Prepared*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **21- ASSESSMENT OF 1-7 ABET OUTCOMES FOR ENGINEEIRNG**  | **1** | **2** | **3** | **4** | **5** |
| (1) | Ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| (2) | Ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors. | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| (3) | Ability to communicate effectively with a range of audiences. | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| (4) | Ability to recognize ethical and professional responsibilities in engineering situations and make informed judgements, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts. | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| (5) | Ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan task, and meet objectives. | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
|  (6) | Ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions. | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| (7) | Ability to acquire and apply new knowledge as needed, using appropriate learning strategies. | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |

**22- ASSESSMENT OF CIVIL ENGINEERING EDUCATIONAL OBJECTIVES**

Please give us feedback on the following skills, abilities and attributes that are expected of you at the time of graduation. Use a response scale of 1 through 5 with the following explanations for use when assessing CE educational objectives.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **As a graduate of the CE program, I have realized the following:**  |  | **1** | **2** | **3** | **4** | **5** |
| (1) |  | Utilize innovative methods of analysis, including experimental, mathematical, and computational skills, to solve complex engineering problems and improve the lives and livelihoods through a successful career in civil engineering or other related fields | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| (2) |  | Become ethical and effective innovators, collaborators, leaders and practitioners in efforts to address diverse technical, business, and social challenges | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| (3) |  | Develop the skills pertinent to the design of civil engineering systems, to think creatively, and to communicate effectively, in a minimum of four of the following civil engineering areas: environmental, geotechnical, structures, transportation and water resources | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |