

THE 2017 BUSINESS OF ENGINEERING PROGRAM

HAMPTON UNIVERSITY
SCHOOL OF ENGINEERING & TECHNOLOGY
&
SCHOOL OF BUSINESS

SPONSORED BY:

United States Department of Energy (DOE)
Battelle

PROGRAM SCHEDULE: June 19th – June 30th, 2017

Application Information Package:

<http://busofeng.weebly.com>

1. Program Description
2. Application Form
3. Recommendation Form
4. Health Form

PROGRAM DESCRIPTION

The Business of Engineering program is an intensive daytime summer program for talented high school students hosted by Hampton University's School of Engineering & Technology and the School of Business. The program involves an immersion of engineering projects intertwined with business practice. The program aims to stimulate interest in engineering and business by (1) demonstrating the interdependence of engineering and business in making real world choices, (2) introducing engineering methodology as a means of problem solving, (3) exposing students to the entertaining yet challenging world of engineering, (4) introducing students to cutting edge, computer-aided design software used to solve day-to-day problems. The program engages students in problem solving and team-building by incorporating participation in design contests, case studies, and educational field trips.

PROGRAM GOAL

The goal is to introduce, expose, and stimulate student interest in engineering and business professions as a way to help initiate development of the future workforce in these fields. The opportunity will also allow students to make informed decisions about college and career.

PROGRAM OBJECTIVES

- Broaden student's exposure to engineering and business professions.
- Demonstrate the interdependence of engineering and business in making real world choices
- Introduce engineering methodology as a means of problem solving
- Expose students to the entertaining yet challenging world of engineering
- Introducing students to cutting edge, computer-aided design software used to solve day-to-day problems.
- Develop student's teamwork skills

ELGIBILITY

- Applicants must currently be in the ninth grade.
- Applicants must have a 3.0 minimum cumulative grade point average (GPA).
- Evidence of maturity, stability, adaptability and self-discipline in new environments.
- Admission to the program is competitive and based on academic record, essays and recommendations.

INSTRUCTIONS

- Tuition (full scholarship)
- Important Dates
 - **PROGRAM SCHEDULE:** June 19th – June 30th, 2017
 - **NOTIFICATION :** Continuous until program is full
- Complete online pre-registration as soon as possible
- Submit the following items
 - Completed Application Form
 - Letter of Recommendation
 - Completed Participation Health Form
 - \$25 Non-Refundable Application/Registration fee
 - Mail Application package to:

c/oDr. Otsebele Nare
Business of Engineering Summer Program
School of Engineering & Technology
Hampton University
Hampton, VA 23668

- Contacts (Program Directors)

Dr. Otsebele Nare
otsebele.nare@hamptonu.edu
(757)727-5818 /5292 (phone)
(757)727-5189 (fax)

Dr. Ziette Hayes
ziette.hayes@hamptonu.edu
(757)727-5166 (phone)
(757)727-5048 (fax)

THE BUSINESS OF ENGINEERING

PROGRAM APPLICATION

APPLICANT INFORMATION

Name: _____ Date of Birth: ____/____/____

Street Address: _____ Unit/Apt #: _____

City: _____ State: _____ Zip Code: _____

Home Phone: (____) _____ Cell Phone: (____) _____

Email Address: _____

Gender (Circle One): Male Female Are you a US Citizen or Permanent Resident? Yes No

Current High School: _____ CUM GPA: ____/____

Address: _____

PARENT/GUARDIAN INFORMATION

Name(s): _____ Relation: _____

Street Address: _____ Unit/Apt #: _____

City: _____ State: _____ Zip Code: _____

Home Phone: (____) _____ Cell Phone: (____) _____

In Case of Emergency, in addition to person(s) listed above, contact:

Name(s): _____ Relation: _____

Address: _____ Phone: (____) _____

Other Person(s) Authorized to pick-up child at the end of day: _____

ESSAY QUESTION

Please respond to the following question on a separate sheet of paper. Essays should be no longer than 250 words. *“Why are you interested in participating in The Business of Engineering?”*

TELL US MORE

We are interested in knowing more about your interest in engineering. Participation in specific activities is NOT a prerequisite for attending the camp. Answer the questions to the best of your ability.

Have you taken any particular courses that have piqued your interest in business/engineering?

Do you participate in any business/engineering clubs or organizations?

Do you follow business/technology/engineering news on a regular basis?

Have you participated in any business, engineering or technology competitions? Please list them.

Have you worked in an engineering environment? If yes, where and what was your role?

Is there anything else you would like us to know in considering your application? _____

Applicant Signature

Parent/Guardian Signature (required)

Applicant Email Address (required)

Parent/Guardian Email Address

DATE

DATE

The Business of Engineering Informed Consent Form

Dear Parent(s) or Guardian(s)

While your son/daughter is participating in the **Business of Engineering** program and is involved in educational activities sponsored by the program, part of the activities will involve field trips. Also, we may collect additional information related to your son/daughter interest in business and engineering careers as well as information that will help improve the program for future participants. For these reasons, the **Program Director(s)** need your consent to approve these activities.

All program related costs incurred in field trips will be covered by the Program.

Sincerely,

PLEASE FILL IN THE FORM BELOW (*a signed copy will be available for your records*):

I, _____, give my consent for _____ to
Parent(s)/Guardian(s) *Student*

participate in the **Business of Engineering** activities.

Signature _____ Date _____
Parent(s)/Guardian(s)

Signature _____ Date _____
Program Director(s)

The Business of Engineering Reference Form

Thank you for providing a recommendation for _____ to participate in the Business of Engineering Program at Hampton University, a unique two-week program for rising sophomores that combines business and engineering.

To complete your recommendation, please fill out the form below. After completing this form, please place it in an envelope (not provided). Seal the envelope and sign it across the seal. You may remit this recommendation to the above named student or mail it directly to **Dr. Otsebele Nare, Business of Engineering Summer Program, School of Engineering & Technology, Hampton University, Hampton, VA 23668.**

Please type or print neatly.

FIRST NAME: _____ **LAST NAME:** _____

ADDRESS: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

CONTACT PHONE NUMBER: _____ **EMAIL ADDRESS:** _____

What is your relationship to the candidate?

Please tell us why this candidate should be selected for participation in the Business of Engineering Program at Hampton University (use additional pages if necessary).