

ART C: Statement of Purpose

In a short essay, please address each of the following questions (500 word maximum).). If you prefer, you may attach these

essays on a separate sheet.

29. How will the exemption credits help you in pursuing your education and developing your career?

For many of my young years, I've witnessed the poverty and war-stricken communities of my native country of Haiti struggle to provide stable living conditions and necessities for its people. Deeply connected to my country and its people, the countless hours of volunteerism and donations wouldn't be enough of a hand to extend to my people. As a young boy, I developed a love for mathematics, chemistry, and physics, and have always dreamed of attending university abroad. "Education is the key that opens many doors" – as they say, and I believed it is the best way to develop my community and myself. However, when it came time to actualize these dreams, the looming challenges also followed. I heartbrokenly discovered that my family's financial circumstances couldn't support my attendance of a foreign university. With nowhere else to turn, I enrolled in a university in my home country, but I remained hopeful to my abroad studies dream. Broward College quickly became my top choice because it was conveniently located near most of my relatives. With the assistance of my relatives, I was finally able to convince my parents to allow me to pursue my engineering studies in the US. Unfortunately, a timely process that was met with the uproar of political and gang violence hand in hand with a global pandemic, Covid-19; forced the closure of the American embassy. It was yet another deterrent in the actualization of my dreams. Once the circumstances slightly improved, I came to Broward College and graduated with a 3.9 GPA with honors whilst holding many leadership positions in clubs and societies like Student Government, Phi Theta Kappa, the Minority Male Initiative, the Robert "Bob" Elmore Honors College, the Seahawk Soccer Club, and others. It wasn't an easy accomplishment as life in the United States with looming financial difficulties made the journey a tough one. As the availability of work as an international student is limited and the constant uproar of violence and instability makes

receiving funds from home more challenging. My ultimate goal is to secure scholarships and out-of-state waivers that will enable me to continue my engineering education at Florida International University. I aim to acquire extensive knowledge and skills to become a highly sought-after candidate for employers seeking individuals with a deep understanding of their field. By sacrificing myself, I hope to bring positive change and innovation, realizing my full potential and career aspirations.

Haiti's Infrastructure and Resource Challenges:

Title: Bridging the Gap: How My Area of Interest Contributes to the Linkage between Florida and the Caribbean

Most of the Caribbean countries, unfortunately, suffer from a lack of adequate infrastructure and resources, exacerbated by ongoing political issues. The inadequate provision of basic necessities such as electricity, clean water, and efficient transportation systems hampers the countries' economic and social development. This situation demands innovative solutions and interventions to uplift the nation and improve the lives of its people. In response to these challenges, I embarked on an entrepreneurial journey and established my first business in Haiti, a manufacturing venture specializing in unisex hair accessories. This endeavor not only provided valuable goods to the local Haitian market but also created employment opportunities, empowering individuals, and contributing to the local economy. This success served as a catalyst for my decision to further my education and pursue a bachelor's degree in Mechanical Engineering. My chosen field of study, mechanical engineering, equips me with the knowledge and skills to address critical issues related to infrastructure and resource management. By specializing in HVAC systems, renewable energy, and manufacturing, I aim to contribute to the development and implementation of sustainable solutions that can significantly impact Haiti but also all the Caribbean country's socioeconomic landscape. I am doing an internship with an SGM engineering firm in Florida based on HVAC, where I design the Mechanical room Air Handling Units

for new buildings which need renovation to help the Florida community breath fresh air and be comfortable in the design spot. One of my primary goals is to establish a hybrid power system that requires minimal upkeep while supplying electricity to a substantial population. By integrating renewable energy sources such as solar and wind power with conventional energy systems, this hybrid system can provide a reliable and sustainable source of electricity. This innovation will not only improve people's quality of life but also reduce dependence on fossil fuels, leading to a greener and more environmentally friendly energy sector. In addition to the development of sustainable energy systems, I am passionate about education and its role in empowering individuals and communities. Therefore, I aspire to establish a technical college in Haiti that focuses on providing practical training and knowledge in the field of engineering. This initiative will not only bridge the gap between education and industry in the Caribbean countries but also create job opportunities for professionals within the community. By nurturing local talent and expertise, the technical college will contribute to the overall growth and self-sufficiency of its nation and others. Inspired by institutions such as Florida International University, which prioritize community engagement and social impact, I believe that higher education plays a crucial role in fostering collaboration and bridging gaps. By leveraging the knowledge and resources available at universities like FIU, I aim to establish partnerships and collaborative initiatives that promote the exchange of ideas, expertise, and technical know-how between Florida and the Caribbean. This linkage will strengthen ties and enable the sharing of best practices, ultimately benefiting both regions.