



Engineering Technology

NSU ALUMNI FOUNDATION

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The purpose of this request for donations is to empower the Department of Engineering Technology at Northwestern State University to provide a comprehensive and enriching educational experience for a diverse audience, including both current and prospective students, as well as future engineers. The funds are strategically allocated to support a range of initiatives that extend beyond the university campus, reaching middle and high school students interested in engineering and technology.

Here's how the donation contributes to various programs:

- 1. Annual Summer Camps and Robotics Competitions:** The donation plays a crucial role in organizing and hosting annual robot camps and competitions. These events serve regional middle and high school students who actively participate in the annual summer camps and the robotics competition. These activities are designed to ignite the passion for robotics and STEM fields among the younger generation.
- 2. STEM Day:** The donation supports initiatives like STEM Day, where middle and high school students engage in hands-on activities and experiences related to science, technology, engineering, and mathematics. This event serves as an introduction to the exciting world of STEM for prospective students considering a future in engineering technology.
- 3. ET Symposium:** The funds contribute to the Engineering Technology Symposium, providing a platform for both current and prospective students to explore the latest advancements and research in the field. The symposium offers valuable insights into the dynamic landscape of engineering technology and fosters connections between students, researchers, academics, and industry professionals.
- 4. Career Events:** Funds contribute to organizing career events that benefit current university students and serve as a platform for prospective students to explore potential career paths within engineering technology. These events facilitate networking between students and industry professionals.
- 5. Industrial Advisory Committee Meetings:** The donation ensures the continuation of meetings with the Industrial Advisory Committee. This committee, comprising industry experts, guides curriculum development not only for current students but also with an eye towards preparing future engineers.
- 6. ET Students' Travel for Senior Design Projects and Industry Visits:** The donation facilitates travel for current Engineering Technology students involved in Senior Design Projects, allowing them to visit project locations and engage in industry visits. This hands-on experience provides invaluable insights into real-world engineering practices, enhancing the learning journey for our current students.
- 7. Conferences Participation for Current Students:** The donation supports current university students' participation in conferences related to engineering and technology. This exposure ensures that our current engineers stay informed about industry trends, advancements, and networking opportunities, contributing to their professional development.

In summary, the donation extends its impact beyond the current university community, reaching prospective students and future engineers through engaging programs like robotics camps, competitions, STEM Day, ET Symposium, and other initiatives that inspire and prepare the next generation of engineering and technology enthusiasts.

