Allen E. Paulson College of Engineering and Information Technology

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The Allen E. Paulson College of Engineering and Information Technology (CEIT) at Georgia Southern University started operations on July 1, 2012. The college offers both undergraduate and graduate degree programs. The college offers Bachelor of Science degree programs in Civil Engineering, Computer Science, Construction Management, Electrical Engineering, Information Technology, Manufacturing Engineering and Mechanical Engineering. The Regents' Engineering Pathway Program (REP Program) is also offered as an option for undergraduate students to earn an engineering degree at Georgia Southern or one of four other Georgia institutions that offer engineering degrees. At the graduate level, the college offers the Master of Science in Applied Engineering (MSAE) and the Master of Science in Computer Science (MSCS) degrees. The CEIT also offers two graduate certificates in Engineering & Manufacturing Management (EMM), and Occupational Safety & Environmental Compliance (OSEC).

The MSAE degree program integrates state-of-the-art technology and interdisciplinary and conceptual science with hands-on, operational skills preparation. The MSAE is designed to meet the growing global demand for engineers who possess leadership skills but also applications experience in consumer, commercial, and industrial fields. The theoretical and research-based curriculum provides excellent preparation for graduates to make an immediate impact on their career and their employers. MSAE students have the option of concentrating in one of five specialized areas of study: Electrical and Electronic Systems, Energy Science, Engineering Management, Information Technology, and Mechatronics.

The MSCS is designed as a fully online program to allow those with degrees in traditional, non-computing fields, to earn a master's degree in computer science. People currently working in corporate positions, the military, and academia benefit from this flexibility. Also, current undergraduate computer science majors can begin coursework in the MSCS immediately upon earning their bachelor's degree.

The EMM and OSEC certificates can be earned as stand-alone credentials or in addition to the MSAE degree. They provide concentrated study in two important fields in today's commercial and industrial environments.

Vision

The Allen E. Paulson College of Engineering and Information Technology (CEIT) will be a nationally recognized leader in engineering, computer science, and information technology in the areas of student-centric and application-based teaching, research, and service.

Mission

The College of Engineering and Information Technology (CEIT) will maintain a dynamic and evolutionary environment of excellence in teaching, research, and service in which students, faculty, and staff can achieve their professional goals. In these endeavors, the CEIT will foster student-centric professional learning experiences utilizing advanced technologies applied with state-of-the-art equipment, inspire innovation and invention, encourage sustainability, and technically and economically enrich our communities and societies.

Experiential Learning Opportunities

Internships

Internships are supervised experiential learning programs, designed to allow students an opportunity to receive practical experience in their chosen field of study. Internships provide rich professional development content and connect students with relevant experiences that enhance their graduate education. Not only do they prepare students for their next steps after graduation, whether that involves a full-time job or furthering their education, internships can provide a means for students to financially support themselves and fund their education. Students should contact Dr. John O'Malley, Director of REP Program and Co-op Programs in the Allen E. Paulson College of Engineering and Information Technology Office of the Dean for further information.

Advisement

Graduate students in CEIT are advised by the department's professional advisors and the student's major faculty advisor. For information regarding the MSAE, MSCS or the Graduate Certificate programs, contact Erica Colbert at MSAE@georgiasouthern.edu or (MSAE@georgiasouthern.edu) MSCS (MSCS@georgiasouthern.edu)@georgiasouthern.edu (MSAE@georgiasouthern.edu).

Masters Degrees

- Applied Engineering M.S.A.E. (Civil Engineering and Construction Concentration) (http://catalog.georgiasouthern.edu/graduate/allen-e-paulson-engineering-information-technology/civil-engineering-construction-management/applied-engineering-msae-civil-engineering-construction-concentration)
• Applied Engineering M.S.A.E. (Energy Science Concentration) (http://catalog.georgiasouthern.edu/graduate/allen-e-paulson-engineering-information-technology/mechanical-electrical-engineering/applied-engineering-msae-energy-science-concentration)

• Applied Engineering M.S.A.E. (Information Technology Concentration) (http://catalog.georgiasouthern.edu/graduate/allen-e-paulson-engineering-information-technology/information-technology/applied-engineering-msae-information-technology-concentration)

• Applied Engineering M.S.A.E. (Mechanical Engineering Concentration) (http://catalog.georgiasouthern.edu/graduate/allen-e-paulson-engineering-information-technology/mechanical-electrical-engineering/applied-engineering-msae-mechanical-engineering-concentration)

• Computer Science M.S. (Online) (http://catalog.georgiasouthern.edu/graduate/allen-e-paulson-engineering-information-technology/computer-science/computer-science-ms-online)

• Engineering and Manufacturing Management Certificate (http://catalog.georgiasouthern.edu/graduate/allen-e-paulson-engineering-information-technology/mechanical-electrical-engineering/engineering-manufacturing-management-certificate)

• Occupational Safety and Environmental Compliance Certificate (http://catalog.georgiasouthern.edu/graduate/allen-e-paulson-engineering-information-technology/mechanical-electrical-engineering/occupational-safety-environmental-compliance-certificate)