

# COLLEGE OF SCIENCE AND ENGINEERING TECHNOLOGY

## Administrative Officers

Title/Department	Officer
Dean	John Pascarella, Ph.D. jbp014@shsu.edu; (936) 294-1401
Associate Dean	Anne R. Gaillard, Ph.D. bio_arg@shsu.edu; (936) 294-1326
Associate Dean	Marcus Gillespie, Ph.D. marcusg@shsu.edu; (936) 294-1945
Department of Agricultural Sciences	Shyam Nair, Ph.D., Interim Chair shyam.nair@shsu.edu; (936) 294-1193
Department of Biological Sciences	Chad Hargrave, Ph.D., Chair CWH005@shsu.edu; (936) 294-1538
Department of Chemistry	Richard E. Norman, Ph.D., Chair norman@shsu.edu; (936) 294-1527
Department of Computer Science	Peter A. Cooper, Ph.D., Chair cooper@shsu.edu; (936) 294-1569
Department of Engineering Technology	Faruk Yidiz, Ph.D. Chair, fxy001@shsu.edu; (936) 294-3774
Department of Geography and Geology	Brian Cooper, Ph.D., Chair bio_bjc@shsu.edu; (936) 294-3274
Department of Mathematics and Statistics	Brian Loft, Ph.D., Chair mth_bml@shsu.edu; (936) 294-4465
Department of Physics	Joel Walker, Ph.D., Chair jww004@shsu.edu; (936)294-4803

## Mission

The College of Science and Engineering Technology strives to foster scientific literacy, analytic abilities, and the knowledge and competencies necessary for graduates to succeed as professionals working in science-based careers. The College of Science and Engineering Technology also strives to enhance interpersonal abilities and communication skills, both oral and written, which are fundamental to functioning effectively in the University and in the larger community. In providing educational foundations that enable students to develop, evaluate, and express ideas critically, the College hopes to contribute to the formation of responsible citizens and competent professionals.

## Vision

The College of Science and Engineering Technology aspires to be a gateway of opportunity and a catalyst for personal and professional development. Embracing high standards, ethical practices and personalized student-faculty interaction, the College dedicates itself to excellence in teaching, engagement in quality research, and active community service. The College of Science and Engineering Technology will pursue its vision by:

- preparing students for continued intellectual growth throughout productive and personally rewarding careers;
- fostering the development and dissemination of knowledge through scientific inquiry;
- promoting continual professional growth and scholarly activity;
- exemplifying high ethical standards and teaching the importance of ethics in professional practice;
- increasing scientific literacy in the populace, and instilling a high regard for nature and humankind;
- understanding and respecting diversity among people, cultures, and ideas; and
- assuming the responsibilities of academic community engagement and membership in a global society.

### Contact Information

(936) 294-1401  
Lee Drain Building 200  
slf015@shsu.edu (dca\_www@shsu.edu)

### Website

College of Science and Engineering Technology (<http://www.shsu.edu/academics/science-and-engineering-technology>)

## Highlights

- Faculty members in the College of Science and Engineering Technology have been recognized nationally and internationally for their expertise through national grants and awards, publications, and presentations.
- Undergraduate research is encouraged through partnerships with faculty members.
- Students in the College of Science and Engineering Technology have presented and published nationally and internationally.
- The Math Center at the Academic Success Center provides free tutoring in mathematics and statistics courses.
- The College of Science and Engineering Technology houses the Sam Houston State University Center of Excellence in Digital Forensics and the Daniel Reeves Center for Mathematics Education.
- Departments in the College of Science and Engineering Technology annually host state and regional conferences and symposiums.

## Master's Degrees

Departments	Programs
Major, Degree	Department
Agriculture, MS	Agricultural Sciences and Engineering Technology
Biology, MS	Biological Sciences
Chemistry, MS	Chemistry
Computing and Information Science, MS	Computer Science
Digital Forensics, MS	Computer Science
Geographic Information Systems, MS	Geography and Geology
Information Assurance and Security, MS	Computer Science
Mathematics, MA	Mathematics and Statistics
Mathematics, MS	Mathematics and Statistics
Statistics, MS	Mathematics and Statistics
Sustainable Agriculture and Food Environment, MAg	Agricultural Sciences and Engineering Technology

## Certificates

Departments	Programs
Graduate Certificate	Department
Cyber Security	Computer Science
Data Assurance	Computer Science
Digital Investigation	Computer Science
Educational Technology	Computer Science
Geographic Information Systems	Geography and Geology
Sustainable Agriculture	Agricultural Sciences and Engineering Technology