You Have a Story to Tell . . .

It’s the story of your students, faculty, and the companies that hire your graduates. Here are some ideas of how to tell it.
Engineering Technology vs. Engineering

Many employers consider both to be engineers. Whether one is preferred over the other depends on a company’s needs.
The ET Advantage

Internships and projects performed for industry clients mean that ET grads arrive ready to hit the ground running.
Meet 3 graduates
Wilbert W. (Wil) James, Jr.

• Bachelor’s in mechanical engineering technology from Old Dominion University.

• Retired in 2017 as president of Toyota’s biggest U.S. factory – the nation’s second largest auto plant.

• Creative problem-solver during downturns.
Matt High

- Bachelor’s in mechanical engineering technology from Purdue.
- Professional engineer (PE).
- Utilities mechanical engineer at Purdue – electricity, hot and cold water.
- Indiana Young Engineer of the Year.
Alex Muncy

• Joined STIHL, the lawn equipment manufacturer, right after high school.

• Apprenticed at the company while attending Tidewater Community College in Virginia.

• Transferred to Old Dominion University, graduating with a bachelor’s degree in mechanical engineering technology.
ET Students Learn by Doing

Practice and experience are key.
“Engineering students are very good, competitive students. Will they be better engineers? It doesn’t necessarily mean that.” — Ken Burbank, Purdue Polytechnic
Students: How Do You Learn the Best?

Listening to a lecture?
Studying in a Library?
... Or Is This More Like It?
... Or This?
... Or This?
An Emphasis on Teaching

• Traditional Engineering programs place a heavy research burden on faculty. As a result, some or most of the teaching is done by graduate students and adjuncts.

• Engineering technology faculty have fewer research demands and can spend more time with students. Many bring real-world experience from industry.

• Some examples:
Jennifer Michaeli

• Assistant Professor of Engineering Technology, ODU; director, Naval Engineering and Marine Sciences Institute.

• Webb Institute, B.Sc., MIT, M.Sc., Old Dominion University, Ph.D.

• Winner, Outstanding Faculty Rising Star Award, State Council for Higher Education in Virginia.
Michael DeShawn Johnson

• Associate Professor, Engineering Technology and Industrial Distribution, Texas A&M
• Coordinator, Manufacturing and Mechanical Engineering Technology Program
• B.S. Mechanical Engineering, Michigan State U.; M.S., Ph.D., mechanical engineering, MIT
• 10 years at 3M (product development).
• Multiple awards for teaching

- Professor and departmental internship coordinator, University of Southern Maine
- M.S., Ph.D., Industrial Technology, Texas A&M
“Dismissal hour comes and goes and nobody leaves.”

- John Marshall, University of Southern Maine
Math and Science

• Like engineering, ET applies math and science in solving problems.

• ET students take calculus and physics, but requirements are usually less rigorous than for engineering.

• Theoretical learning is backed up by hands-on laboratory experience and projects that show you why the theories matter.
Yes, You Can Become a Scholar

- Maureen Fang, a Ph.D. candidate in mechanical engineering technology.
- Spent 7 years at Pratt & Whitney.
- Inaugural Advanced Manufacturing Fellow for ASME, based at the America Makes innovation center in Youngstown, Ohio.
Who Needs to Hear Your Story?

Do you know this organization?

• National Association for College Admission Counseling (NACAC)

• 1(800)822-6285

• info@nacacnet.org

• 1050 North Highland Street, Suite 400
  Arlington, VA 22201