Typical tasks may include:
- Production of newsletters and brochures, including marketing materials
- Writing grants to help raise funds for nonprofit organizations and their projects
- Creating and editing manuals, websites, videos, and other multimedia projects for various industries
- Publish computer documentation and write help files for complex software packages
- Translate technical information into other languages
- Consult for industry on risk communication and usability issues

Here is a list of typical courses taken by STC and STA students:
- Introduction to Scientific and Technical Communication
- Fundamentals of Photography
- Graphic and Information Design
- Introduction to Website Design
- Visual Media Analysis
- Professional Development in Humanities
- Special Topics in Professional Writing
- Publications and Information Management
- Introduction to Multimedia Development
- Engineering Ethics
- Interpersonal Communication
- Organizational Communication
- Risk Communication
- Usability and Instructions Writing
- Capstone: Advanced Practicum in STC

We are STC.

John Sherrill, Second Year
"STC is a great program because it gives us practical experience in our assignments, lessons we can actually use in real jobs."

Matt Monte, Monte Consulting
“STC grads continue to hold key positions in our firm, developing documentation workflows, coding state-of-the-art, database-driven websites, and producing motion graphics and video.”

Amber Voght, Third Year
“STC provides me with a chance to gain hands-on technical experience that will benefit me for any career path I choose.”

A complete list of course descriptions can be found online.
Scientific and Technical Communication

Do you like communicating with others? Consider earning a B.S. in Scientific and Technical Communication.

Say what?
With a career in STC, you can effectively convey information through various mediums including writing, speech, and digital media.

Almost on the job
Many internship opportunities are available in areas from writing and editing to web designing and publishing.

Hot shot
STC was named by US News and World Report as one of the 50 Best Careers of 2010. Out of the best 200 career paths, CareerCast.com ranks Technical Writer at 13, Web Developer at 15 and Industrial Designer at 35. MTU has one of the largest undergraduate technical communication programs in the U.S.

Make yourself useful
MTU offers courses in usability and participates in World Usability Day.

Have it all
STC & STA majors may also seek certificates in Media, Modern Languages, or Writing.

Excellence
MTU’s STC program was recognized as one of only ten writing programs nationally to win the Council of College Composition and Communications Writing Program Certificate of Excellence.

Scientific and Technical Arts

If students want to focus more on design and communication, they can choose to earn a degree in Scientific and Technical Arts (STA).

But what does that mean?
STA courses focus on design and multimedia communication, which creates a strong foundation in design. Technical artists communicate through various media such as print, video, web, and digital multimedia.

Maggie Day, Second Year
"After seeing what STA could do for me, I knew I had to be in the program. I would love to design ads and layouts for a company someday."

Showcase
Blue Ice is a nonprofit literary online publication that is produced yearly to highlight exemplary student work. It includes all kinds of writing and visual art, and is an opportunity that many STC and STA students take advantage of.

Opportunities
STC Student Chapter:
Join students and professionals in the STC field! This organization is part of a nationwide network of professionals who work as technical writers, editors, web designers, graphic designers, and many other jobs.

Cin/Optic Media:
This student-operated business provides and designs fresh and innovative video production services and technologies. Broaden your education in the media industry through real business experience with Cin/Optic Media Enterprise!

Take on the World
Newly redesigned in 2009, the Michigan Tech iDesign program provides a venue to do inspired, international, integrative community design, working with partners in economically disadvantaged locations around the world.

STA majors take at least one year of a modern language