BROADCAST ENGINEERING TECHNOLOGY - MINOR

College of Communication and Information
School of Emerging Media and Technology
www.kent.edu/emat

About This Program

The Broadcast Engineering Technology minor provides students the fundamental skills to pursue jobs in broadcast engineering in emerging media and related fields. Students learn technical applications and skills in networking, multimedia engineering, coding and problem solving. Students will have the opportunity to use technology to facilitate media distribution, streaming and interaction. They will gain experience working on project-oriented teams and achieving technical goals.

Contact Information

- School Director: **Michael Beam** | emat@kent.edu | 330-672-9105
- Speak with an Advisor

Program Delivery

- **Delivery:**
  - In person
- **Location:**
  - Kent Campus

Admission Requirements

Admission to a minor is open to students declared in a bachelor's degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

Program Requirements

Code	Title	Credit Hours
Minor Requirements		
EMAT 25310	CREATIVE CODING	3
ENGR 26305	NETWORKING I	2
ENGR 26306	NETWORKING I LABORATORY	2
MDJ 33042	STUDIO TELEVISION	3
MDJ 34036	MULTIMEDIA ENGINEERING	3
Minor Electives, choose from the following:		6
EMAT 32210	DATA IN EMERGING MEDIA AND TECHNOLOGY	
EMAT 33310	HUMAN-COMPUTER INTERACTION	
ENGR 13585	COMPUTER AIDED ENGINEERING GRAPHICS	
ENGR 21020 & ENGR 21022	SURVEY OF ELECTRICITY AND ELECTRONICS and SURVEY OF ELECTRICITY AND ELECTRONICS LABORATORY [1]	
ENGR 35500 & ENGR 35501	SIGNALS AND CIRCUITS and SIGNALS AND CIRCUITS LABORATORY [2]	
ENGR 36305 & ENGR 36306	NETWORKING II and NETWORKING II LABORATORY	
ENGR 36337	INFORMATION TECHNOLOGY SECURITY	
Minimum Total Credit Hours:		**19**

[1] ENGR 21020 and ENGR 21022 must be taken concurrently with PHY 13002 or PHY 23102.

[2] ENGR 35550 and ENGR 35501 need to be taken concurrently with PHY 23102.

Graduation Requirements

Minimum Minor GPA	Minimum Overall GPA
2.000	2.000

- Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
- Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
- Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).

Program Learning Outcomes

Graduates of this program will be able to:

1. Demonstrate competency in the fundamental skills needed to pursue jobs in broadcast engineering and streaming multimedia including computational thinking, computer networking, and technical fluency with media recording, encoding, and distribution.
2. Recognize the rapidly changing nature of broadcast engineering technology and learn the skills needed to adapt.
3. Employ teamwork as a means of solving technical problems related to broadcast and multimedia engineering.