The College of Computing, founded in 2020, is the newest college at Illinois Tech dedicated to ensuring students across campus have the computing and data science ideas and skills needed to succeed in today's technological society. The college offers dozens of degrees and certificates in computing from the foundational to the applied as well as mathematical and manufacturing processes through our four departments/programs: Applied Mathematics, Computer Science, Industrial Technology and Management and Information Technology and Management.

Applied Mathematics
- Master of Applied Mathematics
- Master of Science in Applied Mathematics
- Doctor of Philosophy in Applied Mathematics

Computer Science
- Master of Artificial Intelligence
- Master of Computer Science
- Master of Computer Science with specialization in:
  - Business
  - Computational Intelligence
  - Cyber-Physical Systems
  - Data Analytics
  - Database Systems
  - Distributed and Cloud Computing
  - Education
  - Finance
  - Information Security and Assurance
  - Networking and Communications
  - Software Engineering
- Master of Cybersecurity
- Master of Science in Computer Science
- Doctor of Philosophy in Computer Science

Joint Degree Programs
- Master of Data Science (with Applied Mathematics)
- Master of Science in Computational Decision Sciences and Operations Research (with Applied Mathematics)

Certificates
- Computational Intelligence
- Cyber-Physical Systems
- Data Analytics
- Database Systems
- Distributed and Cloud Computing
- Information Security and Assurance
- Networking and Communications
- Software Engineering

Industrial Technology and Management

Degree Program
- Master of Industrial Technology and Operations

Information Technology and Management

Degree Programs
- Master of Cyber Forensics and Security
- Master of Information Technology and Management
- Master of Science in Applied Cybersecurity and Digital Forensics
- Master of Science in Information Technology and Management

Certificates
- Advanced Software Development
- Cyber Security Management
- Cyber Security Technologies
- Data Center Operations and Management
- Digital Voice and Data Communication Technologies
• Information Technology Innovation, Leadership, and Entrepreneurship
• System Administration
• Systems Analysis
• Web Design and Application Development