Learn to create assured hardware and software solutions with the M.S. in Computer Engineering program delivered online from Syracuse University’s College of Engineering and Computer Science. Through a curriculum crafted around faculty members’ groundbreaking research in the field, you will gain the expertise needed to create solutions for emerging technologies.

In the online M.S. in Computer Engineering program, you will build key skills such as:

- Operations analysis to create designs according to needs and product requirements
- Active learning to grasp the implications of new information
- Problem-solving for complex computer engineering challenges
- Judgment and decision-making for potential actions

Prepare to Succeed in an Evolving Industry With a Syracuse Degree

Computer and information technology occupations are projected to increase 13% from 2016 to 2026.¹

At the forefront of developments in the field, the College of Engineering and Computer Science prepares students to enter the industry with the knowledge to drive technology forward.

With an M.S. in Computer Engineering, you can pursue positions such as:

- Software Engineer
- Computer Hardware Engineer
- Computer Network Architect

¹https://www.bls.gov/ooh/computer-and-information-technology/home.htm
About the College
Established in 1901, Syracuse University’s College of Engineering and Computer Science has a long tradition of preparing students to become responsive leaders who create practical and sustainable solutions to today’s greatest technological challenges. Through collaborative and multidisciplinary curricula, programs in the College provide students with the real-world skills to meet the needs of a growing industry worldwide. Graduates of online Engineering@Syracuse programs join an accomplished alumni community of dedicated tech professionals.

Syracuse University is fully accredited by the Middle States Commission on Higher Education (MSCHE) and is registered at the New York State Education Department.

Learn More: engineeringonline.syr.edu | 844-797-4364 | admissions@engineeringonline.syr.edu

Earn Your Degree in as Few as 15 Months
The M.S. in Computer Engineering program consists of 30 credits. Students in the program take 12 credits of core courses and 18 credits of electives. Students learn in face-to-face online classes and also attend an on-campus immersion, ensuring a collaborative academic experience and networking opportunities.

Core courses in the program include:
- Computer and Internet Security
- Advanced Computer Architecture
- Advanced Data Structures and Algorithms

Applying to the Program
The College of Engineering and Computer Science seeks students who are passionate about computer systems and determined to shape tomorrow’s technology. The online M.S. in Computer Engineering is a rigorous degree program suited for those with a strong background in computing disciplines and proficiency in programming languages who are looking to further their specialized skills.

To apply, you will need:
- A bachelor’s degree
- Official degree-bearing transcripts
- A current business resume
- A 500-word personal statement
- Two letters of recommendation

Engineering@Syracuse Students

44% U.S. Ethnic Minority
22% Military Background

The self-reported information above reflects enrolled students as of January 2018.

“I have found the online delivery platform to be as effective as attending class in person. The experience is truly immersive and does not feel that different from attending class in person.”

—Kevin Meyer
Class of 2019