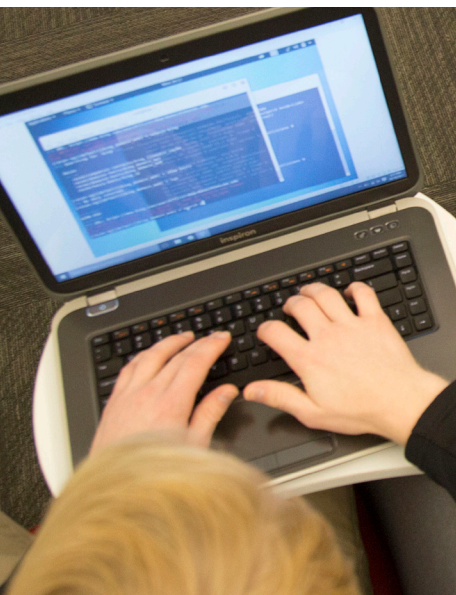
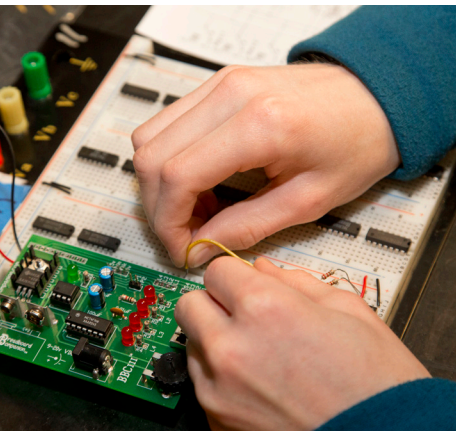




MIC

PATHWAYS

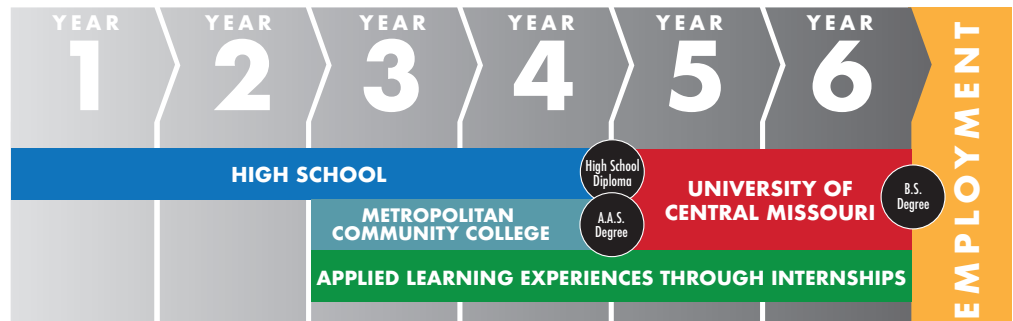


Crossing the stage and receiving a diploma is an important milestone for a high school senior. Combine this with an innovative program that accelerates the time it takes to earn a college degree in addition to working in a high-demand internship, and you are left with a well-equipped high school graduate. As a result of participating in one of the Missouri Innovation Campus (MIC) programs, students will be on track to earn a bachelor's degree just two years after graduating from high school.

The MIC is a progressive initiative of the University of Central Missouri, Metropolitan Community College, the Lee's Summit R-7 School District, community organizations and business partners. The MIC program is designed to revolutionize the way students learn and work while bridging the gap between skills and workforce demands. The path for students to be admitted into the MIC program will encompass numerous steps. It starts with applying to Summit Technology Academy. Each step of the student's plan towards a baccalaureate degree will include academic support and internship support from the MIC staff. The student's industry immersion will be structured toward the specific career field that is best matched to each individual. MIC students must meet more rigorous standards. The details below will give students a glimpse into each of the MIC programs.

Interested students must meet the following requirements:

- Meet the minimum requirements for MIC programs – 3.0 GPA, 95% attendance and appropriate ACT score (18 on English, 19 on reading, and 20-22 on math) OR ACCUPLACER score (must not be placed in remedial courses)
- Meet the minimum requirements for the appropriate programs at Summit Technology Academy
- Commit to providing their own transportation to internship sites and college classes



For more information, visit ucmo.edu/micprogram or email mic@ucmo.edu.

UCM Bachelor of Science Degree	Junior Year STA Program	Prerequisites	Accuplacer Score	Senior Year with STA
Design and Drafting	PLTW Digital Electronics/CIM	B- or better in IED/POE or CADD classes	MATH 120 (degree requires MATH 180 Calculus); ENGL 101; no required reading courses	Internship in MIC
Computer Science: Software Development	Software Development – Java and Software Development – Python	B- or better in Algebra II or programming classes	MATH 120; ENGL 101; no required reading courses	Internship in MIC
Cybersecurity	DevSecOps and Advanced Network and Cyber Concepts	B- or better in Algebra II CSIS 110 (summer course)	MATH 120 College Algebra; ENGL 101; no required reading courses	Internship in MIC
Software Engineering	Software Development – Java and Software Development – Python	B- or better in Algebra II or programming classes	MATH 120 (degree requires MATH 175 Calculus for Business); ENGL 101; no required reading courses	Internship in MIC
Big Data and Business Analytics	Business Finance and Fintech	B- or better in Algebra I CSIS 110 (summer course) One credit in business; read/write grade 10 level	MATH 120 College Algebra; ENGL 101; no required reading courses	Internship in MIC
Computer Information Systems	Business Finance and Fintech	B- or better in Algebra I CSIS 110 (summer course) One credit in business; read/write grade 10 level	MATH 120 College Algebra; ENGL 101; no required reading courses	Internship in MIC
Data Science	Software Development – Java and Software Development – Python	B- or better in Algebra II or programming classes	MATH 120; ENGL 101; no required reading courses	Internship in MIC

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