CIT

Courses

CIT 100 Introduction to Engineering Technologies
2 Credits. 1 Lecture Hour. 3 Lab Hours.
A course that prepares students for success in Engineering Technologies fields including Biomedical, Civil, Environmental, Electrical, Industrial, and Mechanical. Topics include: investigating career pathways; and building skills in measurement, data collection and graphing, problem solving, research, and basic computation.
Prerequisites: None

View Sections (http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course_number=100subject_code=CIT)

CIT 110 Introduction to Information Technologies
2 Credits. 1 Lecture Hour. 3 Lab Hours.
A course that prepares students for success in Information Technology fields. Topics include: investigating career pathways; and building skills in problem solving, research, basic computation, and other foundational concepts.
Prerequisites: None

View Sections (http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course_number=110subject_code=CIT)

CIT 120 Introductory Mathematics for Engineering Applications
5 Credits. 4 Lecture Hours. 2 Lab Hours.
A course on math used within the context of engineering applications. Topics include: algebraic manipulations of engineering equations, trigonometry, vectors and complex numbers, sinusoids, systems of equations, differentiation, integration, and differential equations.
Prerequisites: AFL 085 and MAT 126 or MAT 152 or MAT 153 or appropriate placement test score

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CIT 150 Applied Technology Studies: Advanced Standing
30 Credits. 30 Lecture Hours. 0 Lab Hour.
Students complete courses or training programs or earn certifications that develop expertise in Engineering Technologies fields.
Prerequisites: Program Chair Consent

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CIT 190 Career Preparation: Engineering and Information Technologies
1 Credit. 1 Lecture Hour. 0 Lab Hour.
A course on career planning and exploration for students in Engineering Technologies and Information Technologies fields. Topics include: self assessment, career research, resume development, interview skills, job search strategies, and cooperative education policies and procedures.
Prerequisites: AFL 085 an MAT 120, or appropriate placement test score

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