



Cleveland State University

Bachelor of Science in Mechanical Engineering Technology

The study of Mechanical Engineering Technology is a two-year upper-division program leading to a Bachelor of Science in Mechanical Engineering Technology degree (BSMET). A Bachelor of Science in Engineering Technology graduate is qualified to work in positions requiring the application of scientific and engineering knowledge and methods combined with technical skills in support of engineering activities.

Many students decide to major in Mechanical Engineering Technology because the CSU program prepares them to be employed in a diverse range of industries including, industrial control and automation, aerospace, medical, computer, telecommunications, and defense industries. Most importantly, Engineering Technology prepares graduates to contribute immediately in these industries.

Cleveland State University's Bachelor of Science in Mechanical Engineering Technology program makes it possible for students to pursue a four-year (baccalaureate) Mechanical Engineering Technology major through a combination of courses taken at LCCC that are either LCCC courses taught by LCCC instructors or CSU courses taught by visiting CSU instructors. For additional information on the Cleveland State Mechanical Engineering Technology program contact Dr. Majid Rashidi, Chairman at (216-523-7485 or m.rashidi@csuohio.edu).

Parallel LCCC Programs

- Associate of Applied Science in Mechanical Design
- Associate of Applied Science in Alternative Energy Technology - Wind Turbine Major

Admission Requirements

Applications should be submitted six weeks prior to the beginning of the term. Complete admissions information can be found at the website listed below or call 440-366-4850.

1. A completed Cleveland State University Undergraduate Admission Application along with a Partnership Application Supplement Form must be submitted. Forms are available at the Cleveland State Partnership office at Lorain County Community College in the University Center building, room 113. Applications can also be obtained on-line at: <http://www.engagecsutransfer.com/index.html>
2. An official copy of a grade transcript sent directly from each regionally-accredited college or university attended.
3. A one-time, \$30 undergraduate application processing fee.

The application and supporting materials can be dropped off at the Cleveland State Partnership Office at Lorain County Community College or you may send them directly to: *Cleveland State University, Office of the University Registrar, Application Processing Center, 2121 Euclid Avenue UC 400, Cleveland, Ohio 44115-2214.*

Registration and Scheduling Information

Students may register online via CampusNet at www.csuohio.edu/registrar. Registration instructions can be found on-line at: <http://www.engagecsutransfer.com/educate/advisor.html>. Registration information can also be obtained at the CSU University Partnership office (UC 113).

Tuition and Fee Schedule

Information on tuition and fees can be found on-line at: <http://www.csuohio.edu/cashier>.



All fees are due and payable as part of the student's registration. The assessed fees are

subject to final audit and payment in full is a prerequisite to official enrollment.

REQUIRED CSU COURSES:

Course Number	Course Title	Credits
MTH 154,155,156	Math Conc. 2a, b, c	4
MTT 300	Applied Mathematics	4
MTT 301	Advanced Applied Math	4
MET 320	Advanced Mechanics of Materials	3
MET 202	Dynamics for Engineering Technology	3
MCE 255	Comp. Aided Eng Design	4
ESC 270	Material Science & Eng	3
MET 330	Adv Dynamics & Vibrations	4
MET 345	Thermodynamics	4
MET 350	Fluid Mechanics	3
MET 351	Thermal Fluids Lab	2
MET 410	Design of Machine Elements	3
MET 411	Mechanical Measurements Lab	1
MET 420	Heat Transfer	3
GET 430	Electrical Power, Controls, and Instrumentation	3
GET 431	Electrical Power, Controls, and Instrumentation Lab	1
MET 445	Solid Modeling Applications	3
MET 450	Mechanical System Design, or	3
GET 455	Robotic System Design, or	3
MET 460	Thermal System Design	3
MET 470	Senior Design A	1
MET 480	Senior Design B	3
Total		65

In order to fulfill CSU's residency requirement for the B.S., University Partnership students must complete a minimum of 30 semester hours in CSU course offerings.

LCCC Bridge Courses for A.A.S. Programs

<p>Computer Aided Machining</p> <p>MTHM 221 Technical Calculus</p> <p>EMCH 111 Statics for Technology</p> <p>EMCH 211 Strength of Materials</p> <p>CADD 201 or 212 or 213 or 214 3D modeling course</p> <p>Mechanical Design</p> <p>MTHM 221 Technical Calculus</p>	<p>Quality Assurance</p> <p>MTHM 221 Technical Calculus</p> <p>EMCH 111 Statics for Technology</p> <p>EMCH 112 Engineering Materials</p> <p>EMCH 211 Strength of Materials</p> <p>CADD 201 or 212 or 213 or 214 3D modeling course</p> <p>Welding Technology</p> <p>MTHM 221 Technical Calculus</p> <p>EMCH 111 Statics for Technology</p> <p>EMCH 211 Strength of Materials</p> <p>CADD 201 or 212 or 213 or 214 3D modeling course</p>
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