ABOUT KETTERING UNIVERSITY

Kettering University is a national leader in experiential STEM (science, technology, engineering, and math) and Business education, integrating an intense academic curriculum with applied professional experience. Through this proven approach we inspire students to realize their potential and advance their ideas by combining theory and practice better than any institution in the world. Kettering University is dedicated to achieving the extraordinary through technological innovation, leadership, and service.

Mission, Vision and Values

Mission
Kettering University prepares students for lives of extraordinary leadership and service by linking transformative experiential learning opportunities to rigorous academic programs in engineering, science, mathematics, and business.

Vision
Kettering University will be the first choice for students and all our partners seeking to make a better world through technological innovation, leadership and service.

Values
Respect: for teamwork, honesty, encouragement, diversity, partnerships with students.
Integrity: including accountability, transparency and ethics.
Creativity: fostering flexibility and innovation.
Collaboration: across disciplines and with all partners.
Excellence: in all we do.

Accreditation
Kettering University has been accredited since 1962 by The Higher Learning Commission.

The programs in Chemical Engineering, Computer Engineering, Electrical Engineering, Engineering Physics, Industrial Engineering, and Mechanical Engineering are accredited by the Engineering Accreditation Commission (EAC) of ABET.

The program in Applied Physics is accredited by the Applied and Natural Science Accreditation Commission (ANSAC) of ABET.

The program in Computer Science is accredited by the Computing Accreditation Commission (CAC) of ABET.

The Business program was accredited in 1995 by the Association of Collegiate Business Schools and Programs (ACBSP).

History
Kettering University’s name honors Charles Kettering (1876-1958), a distinguished engineer, inventor, scientist, social philosopher and humanitarian. Charles Kettering believed that both theoretical knowledge and practical experience are necessary elements of an education. This belief made him an advocate for cooperative education in the earliest years of the twentieth century. Our founders were among those influenced by Kettering’s advocacy. From our earliest years our students have benefited from moving back and forth between the practical requirements of work experience and the disciplined reflection fostered in an academic environment.

We trace our origins to 1919 as the School of Automotive Trades, a school that provided night classes for factory workers in the growing automotive industry in Flint, Michigan. Under the leadership of Albert Sobey, the school became the Flint Institute of Technology in 1923. In 1924 Sobey created the school's first cooperative education program permitting alternating periods of full-time academic work and full-time work in local factories in a four-year program.

Recognizing the potential of cooperative education to educate its engineers and managers, General Motors Corporation took over the institute in 1926 and changed the name to General Motors Institute. In 1945, General Motors Institute added a senior thesis requirement and became a degree-granting college while maintaining its full cooperative education program.

General Motors divested itself of ownership in 1982. Though fully independent of General Motors, we maintained part of our old name until 1998, GMI Engineering and Management Institute. As an independent private college we expanded the number and types of companies employing our co-op students, added master's degree programs, established new majors and replaced GM financial support with tuition, donations and endowment income.

In changing our name to Kettering University in 1998, we carry the name of a man whose life represents who we are. Charles Kettering was famous for his technical knowledge and inventions, was fascinated by ideas, respected human imagination and believed that service was the purpose of education. We honor his legacy with our cooperative education program, student-centered learning, faculty scholarship and preparation of students to be leaders in service to their professions and to society.

Non-Discrimination Policy Statement
Kettering University, as an equal opportunity/affirmative action employer, complies with all applicable federal and state laws regarding nondiscrimination and affirmative action.

Kettering University strives to provide equal opportunity to all applicants and employees regarding all terms of employment. We will not discriminate in employment based on race, color, sex, age, religion, national origin, height, weight, marital status, military status, sexual orientation or any other basis protected by federal or state law.

Discrimination on the basis of race/ethnicity, color, ancestry, religion, national origin, sex, including marital status, age, disability, or status as a Vietnam-era veteran, special disabled veteran, recently separated veteran or other protected veteran is prohibited by federal and state statutes as amended, including Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, the Pregnancy Discrimination Act of 1978, the Age Discrimination in Employment Act of 1978, the Vietnam Era Veteran’s Readjustment Assistance Act of 1974, the Americans with Disabilities Act of 1990, and the Civil Rights Act of 1991.

Inquiries or grievances may be addressed to the Director of Human Resources, Office of Human Resources, 1700 University Avenue, Flint, MI 48504, 810-762-9500.

Title IX Statement
It is the policy of Kettering University to comply with Title IX of the Education Amendments of 1972, which prohibits discrimination (including sexual harassment and sexual violence) based on sex in the University’s educational programs and activities. Title IX also prohibits retaliation for asserting or otherwise participating in claims of sex discrimination. The Title IX coordinator and the deputy coordinator have been designated to oversee Kettering’s compliance with Title IX and to respond to reports of violations. For more information about Title IX, go to Kettering’s Title IX website. A person may also file a complaint with the Department of Education’s Office for Civil Rights regarding an alleged violation of Title IX by visiting the U.S. Department of Education’s website or calling 800-421-3481.

Undergraduate Learning Outcomes

In keeping with its mission, core values, and goals, Kettering University strives to ensure that graduates of its baccalaureate degree programs achieve the following learning outcomes:

1. KNOWLEDGE - Graduating Kettering University students will possess the knowledge of their discipline and be able to work effectively within the larger STEAM context.
   • Students will demonstrate competence in their own fields of study.
   • Students will be able to apply their knowledge/skills across a variety of contexts.

2. REASONING - Graduating Kettering University students will possess the ability to apply critical thinking and reasoning in a variety of contexts.
   • Students will demonstrate critical thinking and reasoning.
   • Students will be able to apply problem solving techniques successfully while taking into consideration the potential impact of those solutions.

3. COMMUNICATION - Graduating Kettering University students will communicate effectively in a variety of contexts.
   • Students will communicate effectively using a variety of genres and formats.
   • Students will communicate effectively to various audiences.

4. TEAMWORK - Graduating Kettering University students will function effectively within teams.
   • Students will serve effectively as members and/or leaders of teams.
   • Students will foster collaboration within teams.

5. ETHICS - Graduating Kettering University students will demonstrate ethical and socially-conscious behavior.
   • Students will demonstrate professionalism.
   • Students will demonstrate honesty, fairness, and equality.
   • Students will demonstrate socially-conscious decision-making.

Campus Facilities

The eight main buildings, Academic Building, Campus Center, the Connie & Jim John Recreation Center, C. S. Mott Engineering and Science Center, Frances Willson Thompson Hall, the Innovation Center and the University Corner Building, are set off by an attractively landscaped campus.

The Academic Building is the “historical” center of the campus. It houses classrooms, science laboratories, computer laboratories, the library, the Humanities Art Center, McKinnon Theatre, and instructional and administrative offices, comprising a total floor space of nearly 400,000 square feet.

The Campus Center is the “activity” center for the campus. It houses Kettering Dining Services, C-Store, BJ’s Lounge & Grill, the Wellness Center, television studios, WKUF, Financial Aid, Admissions, Campus Safety, a recycling center, student activities areas and other administrative offices.

Kettering’s 70,000 square foot Connie and Jim John Recreation Center, located just west of the Thompson Residence Hall, has a full complement of aerobic, strength, and sports amenities, in addition to student and alumni lounges, making it the likely focus of many student and alumni social and recreational activities. It houses a six-lane swimming pool, four multi-purpose regulation basketball courts, four racquetball courts, and a 1/8 mile suspended indoor track. Other areas include an aerobics/dance room, a free-weight room, and a fitness/exercise room that overlook the pool and gymnasium.

The C. S. Mott Engineering and Science Center has a total floor space of 130,000 square feet. The building houses Biochemistry, Chemistry, Mechanical Engineering, and alternative energy and automotive laboratories. Student project areas are provided, including the Autonomous Vehicle and SAE garages.

Frances Willson Thompson Hall is the on-campus residence facility for Kettering University. The facility has four floors, and is designed in a figure eight formation with two courtyards. It is divided into 17 units of 17-37 residents. Common spaces include multiple lounges/lobbies, computer labs, a community kitchen, a gaming area and laundry facilities. Each resident room is equipped with a single bed, desk and chair, wardrobe unit with shelves, and with a microwave/fridge. All rooms are air conditioned, heated and have access to telephone and internet. Most residents share a suite with another resident (two private rooms connected by a door). Residents share community bathrooms, which are located at the intersections of each hallway.

Campus Village Apartments, although not Kettering-operated, are located on campus, and provide suite-style housing for over 200 upper-class students. Students wishing to explore the Campus Village living option should call the Campus Village rental office at (810) 232-4960.

The Innovation Center at Kettering University is an approximately 9,000 square foot multi-tenant laboratory facility that supports scientific and technologically-based “start-up” companies that have a need for dedicated research laboratories in the first three to four years of their existence. It consists of six laboratories that are capable of being divided into twelve intimate laboratories, private offices, a conference/training room, business center, break area and private shower facilities. The Innovation Center is the first Leadership in Energy and Environmental Design (LEED) Silver Certified building in Genesee County.

Einstein Bros. Bagels, located in the University Corner Building across from the Campus Center, provides students the option of eating breakfast and lunch using their meal plans. The 2,500 square-foot building also houses a Flint Police Service Station.

Kettering facilities are accessible to the handicapped. The majority of the campus buildings are inter-connected for ease of movement during
inclement weather. Convenient parking is provided adjacent to all campus buildings.

**GM Mobility Research Center**

The Kettering University GM Mobility Research Center is a vehicle and mobility systems development proving ground and outdoor research facility on Kettering University’s campus. The unique facility – which is the only one of its kind on a college campus in the country – puts Kettering and Flint at the forefront of autonomous vehicle research/development, safety and technology. Located on a 21-acre parcel of property that formerly housed GM’s Chevrolet Division (‘Chevy in the Hole’) facility, the center features a 3.25-acre customizable test pad built to race track performance specifications, low-speed handling loops with elevation and surface changes, optional routes and other features to create diverse testing environments. To further bolster the research activities conducted within the facility, the Harris Mobility Research Annex offers users access to labs, a garage with a single drive-thru bay and a heavy duty two-post vehicle lift, and Level-II EV charging options. The 3,000 square feet building provides additional features including an observation balcony that overlooks the proving grounds, secure and private spaces for prototype development, along with office and conference facilities.

**Atwood Stadium**

Atwood Stadium has been an iconic landmark in the city of Flint for the past 85 years. Built on an old city dumpsite that was cleared by 3000 local volunteers in a single day, it sits right in the heart of the Flint community. Atwood has played host to many high school football games, including the Flint Northern/Flint Central series. It has also been the venue of choice for large-scale community events, such as visits from President Franklin Delano Roosevelt in 1936 and presidential candidate John F. Kennedy in 1960. Today, activities include all levels of football, soccer, lacrosse, health fairs, band competitions, concerts and 10k road races.

In September 2013, Kettering University assumed ownership of the venerable stadium in order to keep the facility from closing. Kettering is committed to maintain the traditional community uses of the stadium in addition to providing a new venue for Kettering student recreational and academic events. In August 2015, the University completed a multi-million dollar restoration project funded by the University and several community partners. Renovations included replacement of the turf with a state-of-the-art turf field that rivals numerous professional and Division 1 stadiums, restroom and concession stand improvements, concrete and masonry restorations, upgrades to the locker rooms and press box, as well as stadium lighting and fencing.

In May of 2019, the Flint City Bucks, a United Soccer League team, officially made Kettering’s Atwood Stadium their new home. Throughout their existence, the Bucks have been one of the most successful minor league soccer teams in the United States, qualifying for eleven U.S. Open Cups, winning eleven divisional championships, and three national titles—the first team to reach that mark in USL League Two.

**The Kettering University Alumni Carillon (Bell Tower)**

The Bell Tower, also called Carillon, was erected as a part of the campus expansion in 1969, built with funds donated by GMI/Kettering Alumni and friends. At the dedication, it was noted that the structure would “serve as a dynamic symbol of identity between the alumni, students, and faculty”. The carillon consists of 47 bells arranged in four octaves. The largest bell weighs nearly one ton while the smallest bell weighs only 20 pounds. The bells, made of 75 percent copper and 25 percent tin, were cast by the 200-year-old Petit & Fritsen Foundry of Aarle-Rixtel Netherlands. Designed by Tarapata-McMahon-Paulson Associates, the Kettering Carillon received the 1971 Honor Award for design from the Detroit Chapter of the American Institute of Architects.