

Bachelor Degree Options for Students with an AAS in Automotive Technology

After obtaining you're A.A.S degree from CLC's Automotive Technology you can either obtain a job or continue your education. To pursue a Bachelors degree you have several options. Here is a short list of examples of programs and colleges.

(Special Note: When completing the AAS in Automotive Technology, be sure to choose a transferable general education math course higher than MTH 114. MTH 114 will not transfer. See an advisor or counselor for details.)

1. Southern Illinois University Carbondale



SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

Location:
Carbondale,
Illinois

Programs Offered: Bachelor of Science in Automotive Technology

The Automotive Technology program in the [Southern Illinois University Carbondale College of Applied Sciences and Arts](#) offers a Bachelor of Science degree in Automotive Technology. The program of study the student selects will allow the development of skills necessary for job entry and provide the student with technical understanding that will enable him/her to keep up with future changes.

The Bachelor of Science degree in Automotive Technology allows you to combine automotive service skills with business, management, and communication skills through automotive elective courses and courses in marketing, management, communications, and business computing. You can complete a bachelor's degree in Automotive Technology in a minimum of 120 planned semester hours.

Other options, in addition to the Bachelor of Science program in Automotive Technology, exist for Automotive Technology graduates at SIUC. In SIUC'S College of Engineering you can pursue a Capstone Option in Industrial Technology that prepares management-oriented technical professionals. In SIUC's workforce education and development program you can pursue an option designed to prepare technically trained people for training and development positions in education, business, industry, labor, government, and the military.

Visit their website at - <http://www.siu.edu/~atasa/>

1. Minnesota State University Mankato



Location: Mankato, Minnesota

Programs Offered: Bachelor of Science in Automotive Engineering Technology

The Mission of the Automotive Engineering Technology Program at Minnesota State University, Mankato is to provide a broad-based education which empowers students with the theoretical, technical, and communication skills necessary to secure a professional position in a wide variety of vehicle related industries.

For people who are fired up about Ford, passionate about Polaris, or hog wild about Harleys, Minnesota State University's Automotive Engineering Technology (AET) Program offers the opportunity to turn passions into a profession. Vehicle enthusiasts have been pursuing a Bachelor of Science degree in Automotive Engineering Technology at MSU since 1988. AET students also receive a minor in Manufacturing Engineering Technology. Graduates of the program achieve positions such as Design Engineers, Field Test Engineers, Project Managers, and Technical Directors for organizations such as the Sports Car Club of America, Toro, Polaris, Mercury, and Daimler/Chrysler.

Although this four year Bachelor of Science degree is titled Automotive Engineering Technology, students study the design, development and testing of various vehicles including cars, trucks, heavy duty trucks, agriculture equipment, snowmobiles, motorcycles, and various industrial power plants. This is power and vehicle research for the new millennium! MSU provides state-of-the-art lab facilities and equipment for testing chassis handling and dynamics, horsepower, fuel efficiency, and emissions.

Students work in cooperation with government agencies and private industry and apply research and new technologies to senior design projects. Past projects include research on chassis design and testing, engine development, and alternative fuel research.

In addition, the AET Program has a long tradition of participation in the Society of Automotive Engineers (SAE) Student Design Competitions including Formula SAE, SAE Mini Baja, and the SAE Clean Snowmobile Challenge series. Student competitors have traveled to California, Florida, Wyoming, Michigan, Washington D.C., Vancouver B.C., and Japan as representatives of MSU.

The general goals of the Automotive Engineering Technology Program include

- effective and innovative teaching,
- applied research involving students and individual scholarly achievement,
- student advising at the individual and group level,
- individual study and preparation to maintain technical currency,

- faculty service to Minnesota State University, Mankato, and our local, regional, state, national, and global community; providing opportunities for students to work in collaboration with various groups and companies.

The AET Program continues to attract students from all parts of the United States and the world. Faculty and staff are dedicated to effective and innovative teaching and individual study to maintain their professional currency. Customized research areas provide state-of-the-art equipment and space necessary for a variety of student design projects and student competition vehicles. Students, faculty, and staff, in partnership with government and business, apply new research in vehicle design on a daily basis. Technology is continuously advancing and MSU is a leader in Automotive Engineering Technology research, design, and training. The University is positioned to remain a leader in this area for a very long time.

Visit their website at - <http://cset.mnsu.edu/aet/>

2. Ferris State University



Location: Big Rapids, Michigan

Programs Offered: Bachelor of Science in Automotive Engineering Technology, Bachelor in Science in Automotive and Heavy Equipment Management, Certificate in Performance Motor Sports, and Certificate in Machining

Ferris State University's [Automotive Technology Degree Programs](#) are internationally recognized for continually producing the most qualified and well-rounded automotive technical and management graduates in the industry. We invite you to take a look at these exciting auto body, auto technology, automotive engineering technology, and automotive management degree programs that prepare college students for entry level positions in our ever expanding global automotive industry. The automotive department at Ferris State University has over 50 years of experience in teaching, advising and placing graduates in automotive related positions. Employment opportunities exist in every community and in all parts of the country. The employment and career opportunities are limitless.

Ferris State University offers several automotive degrees including an Associates Degree in Automotive Service Technology and Automotive Body, a Bachelor of Science Degree in Automotive Engineering Technology (AET), and Automotive and Heavy Equipment

Management (AHM). Certificate programs are also offered in Performance Motor Sports and Performance Machining.

The Automotive Engineering Technology undergraduate degree program at Ferris State University is a third and fourth year college academic degree program that concentrates on engineering skills required by the automotive industry. Students receive hands-on laboratory experience in automotive engineering processes, mechanical testing, metallurgy, emission and dynamometer testing. In addition, an on-the-job automotive engineering internship is an important part of the automotive degree program. Automotive engineering technology is a degree program that prepares students to apply basic engineering principles and automotive technical skills in support of automobile engineers and other automotive professionals engaged in developing, manufacturing and testing self-propelled ground vehicles and their systems. Our college automotive degree program features academic course instruction in vehicular systems technology, design and development testing, instrument calibration, automotive test equipment operation, and report preparation.

The Automotive and Heavy Equipment Management undergraduate degree program at Ferris State University is a third and fourth year college academic degree program that concentrates on managerial skills required by the automotive and heavy equipment industry. The automotive and heavy equipment industry needs managers and representatives with up-to-date technical, managerial and communication skills. Manufacturers need service, sales, parts and customer relations representatives. Positions also exist in dealerships and repair centers and include service management, parts management, sales, leasing and general management. In addition, there are other management positions such as aftermarket managers, fleet managers, technical writers, trainers and government agency managers.

The Automotive Motor Sports industry has incredibly loyal fans and is one of the fastest growing sports franchises today. Anyone interested in motor sports will enjoy learning about engine technology, airflow analysis and dynamometer testing. If engine technology and performance machining interests you, this certificate is for you! The Automotive Center machining lab contains an impressive array of machining equipment. You will learn how to rebuild cylinder heads, machine engine blocks, turn crankshafts, and many other interesting tasks related to building high performance engines.

Visit their website at -

<http://www.ferris.edu/htmls/colleges/technolo/Auto/Autoindex.htm>

3. University Center of Lake County



UNIVERSITY
CENTER OF LAKE
COUNTY

COME HERE. GO FAR.

Location: Various Locations around Lake County, Illinois including the building on campus at the College of Lake County in Grayslake, Illinois

Programs Offered: Bachelor of Science in Organizational Leadership, Bachelor of Arts in Business Administration, Bachelor of Arts in Business and Applied Science, Bachelor of Science in Workforce Education and Development,

The Bachelor of Science in Organizational Leadership is specifically designed for students who have left high school at least seven years before entering Dominican University, who have approximately 60 semester credit hours of college work, and who wish to complete their bachelor's degree in an accelerated format.

The Bachelor of Arts in Business Administration provides a foundation of basic managerial skills and an overview of the organization. Students are introduced to the values, problems, and priorities of management in business organizations. Business Administration majors seek to provide (1) theory of an organization as an integrated system, (2) analytical tools useful for decision making, and (3) an introduction to the functional activities of an organization: production, marketing, finance, and accounting. In developing basic managerial skills, a business administration major will also advance the skills of inquiry, critical thinking and communication that are central to a liberal education.

The Bachelor of Arts in Business and Applied Science (B.A.A.S.) was created to provide a degree completion opportunity for students whose associate's degree is an A.A.S. in a technical field. The B.A.A.S. will provide the student with management and business knowledge to complement the technical training already completed. The B.A.A.S. degree will prepare students to take a management or supervisory role in the workplace or to start a business.

The Bachelor of Science in Workforce Education and Development was designed for teachers, instructional support personnel, managers, and administrators who want to prepare for positions in education and training in public education, business, industry, labor, the military, and other government agencies. The program includes specialization in Education Training and Development.

Visit their website at - <http://www.ucenter.org/>