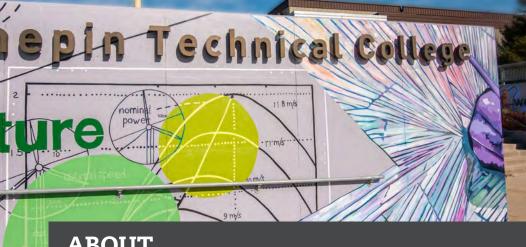


Hennepin Technical College*

YOUR CAREER IN

MANUFACTURING & ENGINEERING TECHNOLOGY

hennepintech.edu/getstarted



авоит Hennepin Technical College

Learn the technical skills needed to say " MAde it!"

Hennepin Technical College is an innovative higher education institution that focuses on hands-on training, excellence in education, and job placement for our graduates. With a 99% job placement rate, we excel in providing our students with all they need to boost their career prospects during life after graduation. One of the ways we uphold this level of excellence is through our steadfast partnerships with local employers and our sense of community through our diverse program models. With over 45 different areas of study - Hennepin Technical College has a place for everyone. Leading in value, flexibility, and affordability, Hennepin Technical College is a place where anyone's interest and career goals become a reality. It is our goal, and our privilege, to make sure every student succeeds at Hennepin Technical College.

HTC's Manfacturing & Engineering Technology Programs

Join one of the most exciting and innovative industries by completing a degree program within the Manufacturing and Engineering Technology pathway. Sharpen your analytical skills while learning about the newest tools and technologies to ensure you will be a leader in your field of choice.

AUTOMATION ROBOTICS

Automated technology in today's workplace calls for individuals who are highly skilled in the field of Mechatronics. Mechatronics Technicians are trained in the fields of Robotics, Programmable Logic Controllers, Mechanical Systems, Electrical Systems, Motor Controls, and Pneumatic Systems. A common trait in manufacturing is the need for Mechatronics technicians who have knowledge and hands-on experience in all of these areas to be a multi-skill technician. With training in Automation Robotics Engineering Technology at Hennepin Technical College, you will be ready to apply your skills in designing, building, installing, and troubleshooting automated electro-mechanical machinery systems for packaging, supply chains and other manufacturing applications. Whether it is diagnosing and quickly solving problems so production flow is maintained or assisting engineers in the development and modification of new and existing designs, you will be prepared for a career that is set to grow as technology advances. Graduates are eligible to pursue baccalaureate programs in manufacturing and engineering technology.



AWARDS & CERTIFICATES

Associate in Applied Science
Automation Robotics Engineering Technology

Diploma

Supply Chain Technician (EP) Automated Machinery Systems Controls Engineering Technician Mechatronics Occupational Certificates
Automation Technologies
Production Technologies

Advanced Technical Certificate Mechatronics



The Electronics Technology program at Hennepin Technical College provides hands-on training that will prepare you to help design, build, develop, test, troubleshoot, and manufacture electronic equipment. These types of equipment are used in applications such as communications, medical monitoring devices, navigational equipment, machine tool

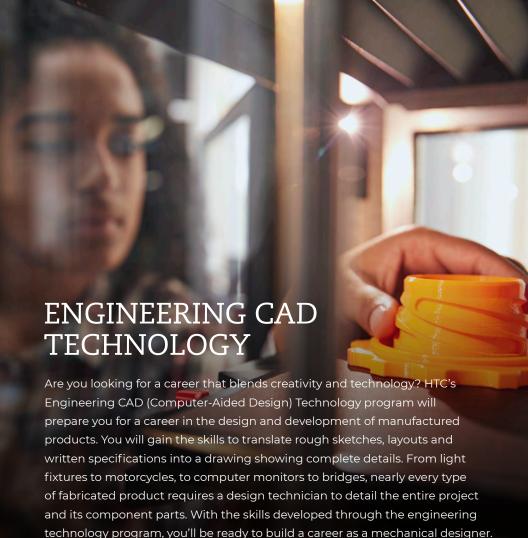
numerical controls and computers. You'll gain a solid grounding in electronics theory combined with intense hands-on laboratory training (both computer-assisted instruction and breadboarding) giving you the confidence to perform at a professional level on the job. Electronics technicians are in demand in small and large companies and in almost all government agencies.

AWARDS & CERTIFICATES

Associate in Applied Science Electronics Technology

DiplomaElectronics Technology

Occupational Certificates
Electronics Technician



AWARDS & CERTIFICATES

Associate in Applied Science Engineering CAD Technology

Diploma

Engineering CAD Technology

Advanced Technical Certificate

3D Printing System Maintenance (BP/EP) Additive Manufacturing Designer (BP/EP) AutoCAD Operator Pro/ENGINEER Operator SolidWorks Operator

FLUID POWER ENGINEERING AND MOTION CONTROL

Are you interested in the way things move? Fluid Power engineering technology takes that curiosity and puts it to work. The fluid power industry is one of the fastest growing technologies today. Fluid Power technicians are responsible for researching and designing, fabricating, operating, testing, servicing, and selling fluid power systems. You will work with hand and machine tools, evaluating and adjusting systems for maximum efficiency. At HTC, you will get the hands-on training that prepares you for success, so you are ready for opportunities in industries such as automation, material handling and processing, heavy equipment, plant automation, and fluid power distribution.

AWARDS & CERTIFICATES

Associate in Applied Science

Fluid Power Engineering Technician Hydraulic Engineering Technician Pneumatic Engineering Technician

Diploma

Fluid Power Engineering Technician Fluid Power Mechanic Hydraulic Engineering Technician Pneumatic Engineering Technician

Occupational Certificates

Industrial Maintenance Mechanic

Advanced Technical Certificate National Certified Fluid Power Specialist



With training in the Industrial Building Engineering and Maintenance program (IBEM), you'll benefit from a multi-discipline education in building and machine maintenance technologies. Learn about various aspects of maintenance, carpentry, heating and cooling practices, hydraulic and pneumatic systems, electrical and motor control operation, machine-tool processes, welding, CAD operation, and troubleshooting techniques. If it helps you understand building and machine maintenance, you'll learn it here.

AWARDS & CERTIFICATES

Diploma

Industrial Building Engineering and Maintenance (BP)



AWARDS & CERTIFICATES

Associate in Applied Science

Computer Numerical Control (CNC) Technician
Tool and Die/Moldmaking

Diploma

Tool and Die/Moldmaking Computer Numerical Control (CNC) Technician

Occupational Certificates

CNC Operator Quality Assurance

Advanced Technical Certificate

Computer Numerical Control (CNC) Set Up Technician Mazak CNC Technician CNC Swiss Turning Center Technician



AWARDS & CERTIFICATES

Associate in Applied Science
Manufacturing Engineering Technology

Occupational Certificates Manufacturing Technician



From the toothbrush you used this morning, to cell phones, computers, and medical device applications used to prolong life on earth - plastics are everywhere! They're a lightweight, durable, and versatile part of countless products used by people all over the world to make living easier, and safer. Bioplastics and new product developments are also becoming high in demand for the future, with many plastics being recycled each day. For the plastics industry to grow and prosper, it depends upon competent technicians a focused education in this field - that's where you come in! Plastics Manufacturing Technician graduates are well-positioned for advancement as well as long-term employment.

AWARDS & CERTIFICATES

DiplomaManufacturing Engineering
Technology
Plastics Engineering Technology

Advanced Technical Certificate Scientific Injection Molding Specialist

Occupational Certificates Extrusion Molding Injection Molding Medical Device Molding

WELDING METAL FABRICATION

Knowledgeable. Efficient. Competent. Those words can describe you after you complete training in the Welding and Metal Fabrication program. Whether your objective is to gain additional skills or embark on a rewarding career, this program will give you the solid foundation necessary to achieve your goals in the field of welding. Encompassing basic welding and fabrication methods, blueprint reading, and advanced technical skills, this program provides you with the essential knowledge and hands on experience to set you up for success.

The field of welding continues to evolve, with significant advancements in technology. Welders can specialize in an exciting variety of disciplines, including:

Robotics and other Automated Systems

Nanotechnology

Pipe-fitting

Alternative Energy Applications

Infrastructure Fabrication
Underwater Welding
Inspection

Welding has become a dominant force in virtually every aspect of our daily lives, and with the continued advances the industry is experiencing, welding will provide almost endless opportunities for those on the cutting edge.

AWARDS & CERTIFICATES

Diploma Welding

Advanced Technical Certificate
Scientific Injection Molding Specialist

Occupational Certificates
GMAW Production Welder (MIG)
GTAW Production Welder (TIG)
Structural Iron Fabrication and Repair

Get Started in 5 easy steps!

Apply for Admission

New students may submit their high school transcript or GED certificate to Enrollment Services.

Transfer students from previously attended non-Minnesota State system colleges should submit their college transcript(s).

Visiting students can register for courses online without submitting a college application.

You may be charged a **\$20** application fee that should be paid online when submitting the application.

Determine How to Pay for College

Financial aid is available for students who qualify. Access to grants, loans, scholarships, and/or work-study begins by completing the Free Application for Federal Student Aid® (FAFSA). Students must have a high school diploma, GED, or its equivalent, and declare an eligible major, in order to receive Federal Title IV financial aid funds. Please apply early to allow time for processing. Hennepin Technical College's FAFSA School Code is 010491.

Complete Placement Testing

Schedule your ACCUPLACER placement testing appointment.

You may be exempt from some or all of your placement tests under certain conditions.

Complete New Student Orientation

Once your placement testing requirements have been met, you are ready for New Student Orientation.

Register for Classes

When you have completed the steps above, you are ready to register for classes.

Start today! hennepintech.edu/getstarted