

	Grade	English	Math	Science	Social Studies	Other Required Courses	Career & Technical Courses	
	<b>High School</b>	9	English 9	Algebra I	Earth or Environmental Science	State History or Civics	Physical Education Health	Introduction to Engineering & Design Metals/Manufacturing
10		English 10	Geometry or Algebra II	Biology	US History	<b>Possible GTC Credit</b> <b>General Education</b> English Composition I Speech Calculus 1 College Technical Math 1A College Technical Math 1B College Algebra & Trig w/Apps General Physics 1 Economics Intro to Psychology Intro to Sociology	3 3 4 2 3 5 4 3 3 3 Principles of Engineering Information Technology Applications	
11		English 11	Algebra II or Trigonometry	Chemistry	World History or Psychology	Cluster Courses Intro to Civil Engineering & Architecture DC/AC I Digital Electronics Drafting Seminar Intro to AutoCAD CAD Intermediate Intro to Mechanical Engineering Technology	2 3 4 2 2 2 2 2 Digital Electronics Computer Integrated Manufacturing	
College Placement Assessments (ACT, SAT, etc), Academic/Career Advisement Provided								
12		English 12	Pre-Calculus or Calculus	Botany or other science course	Government or Economics		2 3 4 2 2 2 2 Engineering Development & Design Civil Engineering & Architecture	
<b>Gateway Technical College</b>	<b>Associate Degrees</b>		<b>Technical Diplomas</b>		<b>Certificates</b>		<b>Credit Transfer Opportunities</b>	
	<b>Engineering &amp; Technology</b>							
	Civil Engineering Technology-Public Works Civil Engineering Technology-Survey Electrical Engineering Technology EET-Biomedical Engineering Technology Electronics Mechanical Design Technology MDT-Mechatronics				CAD/CAM Electrical Drafting Computer Aided Drafting/Manufacturing		<ul style="list-style-type: none"> <li>Franklin University</li> <li>Marquette University</li> <li>Milwaukee School of Engineering</li> <li>UW-Platteville</li> <li>St. Cloud State University</li> <li>UW-Stout</li> <li>UW-Oshkosh</li> <li>Silver Lake College</li> <li>DeVry University</li> </ul>	
<b>Careers</b>	<b>Requiring Postsecondary Education</b>					<b>Requiring Baccalaureate Degree</b>		
	<ul style="list-style-type: none"> <li>Assistant Estimator</li> <li>AutoCAD/MicroStation Plan Production Assistant</li> <li>Building Inspector</li> <li>CAD Drafter</li> <li>Checker</li> <li>Communication Technician</li> <li>Construction Inspector</li> <li>Design Assistant</li> <li>Designer</li> <li>Detail Drafter</li> </ul>		<ul style="list-style-type: none"> <li>Drafter</li> <li>Electrical Mechanic</li> <li>Electromechanical Equipment Repair</li> <li>Electromedical Service Engineer</li> <li>Electronic-Maintenance Person</li> <li>Electronic System Mechanic</li> <li>Electronic Technician</li> <li>Electronics Assembler</li> <li>Electronics Mechanic</li> <li>Electronics Specialist</li> </ul>		<ul style="list-style-type: none"> <li>Engineering Technician</li> <li>Estimator</li> <li>Expeditor</li> <li>Field Service Representative</li> <li>Field Technician</li> <li>Layout Drafter</li> <li>Material Testing Assistant</li> <li>Project Designer</li> <li>Registered Land Surveyor</li> <li>Survey Assistant</li> </ul>		<ul style="list-style-type: none"> <li>Electrical Engineer</li> <li>Electronic Engineer</li> <li>Engineering Manager</li> <li>Mechanical Engineer</li> <li>Professional Civil Engineer</li> <li>Professional Architect</li> </ul>	