



# High School to Gateway Course Transfer Guide

2009-2010





Gateway Technical College

LAKEVIEW		GATEWAY		Credit	Expiration Date
Course Title and Number		Course Title and Number			
<b>G</b>					
<b>GENERAL EDUCATION</b>					
<b>Mathematics</b>					
Algebra 1	312011/ 312012	Introduction to College Math	804-106	3	September 2012
Algebra 1 and Trigonometry	312011/ 312012 342010	Applied Mathematics I	804-370	2	September 2012
Algebra 1A/1B	311011- 311014	Introduction to College Math	804-106	3	September 2012
Algebra 1A/1B and Trigonometry	311011- 311014 342010	Applied Mathematics I	804-370	2	September 2012
Algebra 2	331011/ 331012	College Technical Math 1A	804-113	3	September 2012
Algebra 2 with Trigonometry Honors	332021/ 332022	College Technical Math 1A and College Technical Math 1B	804-113 804-114	3 2	September 2012
AP Calculus AB	353031/ 353032	Calculus I	804-198	4	September 2012
Discrete Mathematics	343011/ 343012	Math with Business Applications	804-123	3	September 2012
Geometry and Conceptual Physics	321011/ 321012 441011/ 441012	Applied Mathematics II	804-371	1	September 2012
Geometry and Trigonometry	321011/ 321012 342010	College Technical Math 1B	804-114	2	September 2012
Geometry Honors and Physics Honors	322021/ 322022 441020/ 441022	Applied Mathematics II	804-371	1	September 2012
Geometry Honors and Trigonometry	322021/ 322022 342010	College Technical Math 1B	804-114	2	September 2012

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Math Analysis	351011/ 351012	College Technical Math 1A and College Technical Math 1B	804-113 804-114	3 2	September 2012
Math Applications	330511/ 330512	Applied Mathematics I	804-370	2	September 2012
Pre-Calculus	352021/ 352022	College Algebra and Trigonometry with Applications	804-197	5	September 2012
<b>Science</b>					
AP Biology	424531- 42434	General Biology	806-114	4	September 2014
AP Chemistry	434531- 43434	General Chemistry	806-134	4	September 2014
AP Physics		General Physics 1	806-154	4	September 2014
Physics-Honors	441021/ 441022	General Physics 1	806-154	4	September 2011


### AUTOMATED MANUFACTURING CURRICULUM


 <b>Manufacturing</b>		<b>MANUFACTURING</b>			
CNC/CAM Programming <b>Transcripted Credit</b>	889710	CNC/CAM Programming	628-110	3	
Computer Assisted Programming/Robotics <b>Transcripted Credit</b>	889410	Computer Assisted Programming/Robotics and FMS	628-111	3	
Fundamentals of Manufacturing		Automated Manufacturing Concepts/Intro	628-100	2	
Mechanical Skills for Technicians <b>Transcripted Credit</b>	881510	Mechanical Skills for Technicians	628-109	3	
Metrology/Applied Measurement <b>Transcripted Credit</b>	889110	Metrology/Applied Measurement	623-153	1	
Metrology/GD & T <b>Transcripted Credit</b>	889610	Metrology/GD & T	623-154	1	

 <b>Science, Technology, Engineering, and Mathematics</b>		<b>SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS</b>			
Beginning CAD	860911/ 860912	Intro to AutoCAD	606-126	2	
Computer Aided Design 2 <b>Transcripted Credit</b>	860210	CAD Intermediate	606-127	2	
CAD Solids-Honors <b>Transcripted Credit</b>	889320	CAD Solidworks	606-128	2	
DC/AC Principals-Honors <b>Transcripted Credit</b>	889510	DC/AC I	605-113	3	

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### INFORMATION TECHNOLOGY CURRICULUM


 <b>INFORMATION TECHNOLOGY</b>			
Game Programming Overview <b>Transcribed Credit</b>	827410	Game Programming Overview	152-159 1
Hardware/Software Troubleshooting <b>Transcribed Credit</b>	827110	Hardware/Software Troubleshooting	154-110 3
Internet Programming <b>Transcribed Credit</b>	829910	Internet Programming	152-145 3
Intro to Networking Web Concepts <b>Transcribed Credit</b>	829810	Intro to Networking Web Concepts	150-105 3
Intro to Programming & Database Concepts <b>Transcribed Credit</b>	827310	Intro to Programming & Database Concepts	152-126 4
IT Fundamentals <b>Transcribed Credit</b>	829110	IT Fundamentals	107-011 3
Operating Systems Fundamentals <b>Transcribed Credit</b>	829210	OS Fundamentals	107-012 3
Web Applications/ASP <b>Transcribed Credit</b>	827210	Web Applications ASP.NET	152-156 3

 <b>SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS</b>			
Beginning CAD	860911/ 860912	Intro to AutoCAD	606-126 2

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**PROJECT LEAD THE WAY**

 Manufacturing		<b>MANUFACTURING</b>		
Computer Integrated Manufacturing <b>PLTW</b>	889721/ 889722	Computer Integrated Manufacturing	628-121	4
Engineering Design and Development <b>PLTW</b>	889921/ 889922	Engineering Design and Development	628-122	4
Fundamentals of Manufacturing	881311/ 8813112	Automated Manufacturing Concepts/Intro	628-100	2

 Science, Technology, Engineering & Mathematics		<b>SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS</b>		
Digital Electronics <b>PLTW</b>	880621/ 880622	Digital Electronics	605-118	4
Intro to Engineering Design <b>PLTW</b>	880521/ 880522	Mechanical Engineering Technology/Intro to	606-149	2
		or Intro to AutoCAD Inventor	606-139	2