



High School to Gateway Course Transfer Guide

2010-2011





Gateway Technical College

LAKEVIEW Course Title and Number		GATEWAY Course Title and Number		Credit	Expiration Date
G					
GENERAL EDUCATION					
Mathematics					
Algebra 1 and Trigonometry	312011/ 312012 342010	Applied Mathematics I	804-370	2	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
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

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Course Title and Number		Course Title and Number			
Pre-Calculus	352021/ 352022	College Algebra and Trigonometry with Applications	804-197	5	September 2012
Science					
AP Biology	424531- 424534	General Biology	806-114	4	September 2014
AP Chemistry	434531- 434534	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
Social and Behavioral Sciences					
AP Economics- Macroeconomics		Economics	809-195	3	September 2013
AP Economics- Microeconomics		Economics	809-195	3	September 2013
AP Psychology		Introduction to Psychology	809-198	3	September 2013


AUTOMATED MANUFACTURING CURRICULUM


		MANUFACTURING			
CNC/CAM Programming Transcripted Credit	889710	CNC/CAM Programming	628-110	3	
Computer Assisted Programming/Robotics Transcripted Credit	889410	Computer Assisted Programming/Robotics and FMS	628-111	3	
Fundamentals of Manufacturing	881311/ 881312	Automated Manufacturing Concepts/Intro	628-100	2	September 2012
Mechanical Skills for Technicians Transcripted Credit	881510	Mechanical Skills for Technicians	628-109	3	
Metrology/Applied Measurement Transcripted Credit	889110	Metrology/Applied Measurement	623-153	1	
Metrology/GD & T Transcripted Credit	889610	Metrology/GD & T	623-154	1	

		SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS			
Computer Aided Design- Beginning	860911/ 860912	Intro to AutoCAD	606-126	2	September 2012
Computer Aided Design 2 Transcripted Credit	860210	CAD Intermediate	606-127	2	
CAD Solids-Honors Transcripted Credit	889320	CAD Solidworks	606-128	2	
DC/AC Principals-Honors Transcripted Credit	889510	DC/AC I	605-113	3	


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INFORMATION TECHNOLOGY CURRICULUM

 INFORMATION TECHNOLOGY				
Action Scripting-Flash Transcribed Credit	827710	Action Scripting-Flash	152-155	3
Internet Programming Transcribed Credit	829910	Internet Programming	152-145	3
Intro to Networking Web Concepts Transcribed Credit	829810	Intro to Networking Web Concepts	150-105	3
Intro to Programming & Database Concepts Transcribed Credit	827310	Intro to Programming & Database Concepts	152-126	4
IT in Business Transcribed Credit	829110	IT in Business	107-011	3
IT Essentials Transcribed Credit	827510	IT Essentials	107-193	3
Network Admin-Microsoft Transcribed Credit	827610	Network Admin-Microsoft	150-111	3
Network Security Transcribed Credit	827810	Network Security	150-194	3
Web Applications/ASP Transcribed Credit	827210	Web Applications ASP.NET	152-156	3

 SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS				
Computer Aided Design Beginning	860911/ 860912	Intro to AutoCAD	606-126	2 September 2012

PROJECT LEAD THE WAY

 MANUFACTURING				
Computer Integrated Manufacturing PLTW	889721/ 889722	Computer Integrated Manufacturing-PLTW	628-121	4 September 2012
Engineering Design and Development PLTW	889921/ 889922	Engineering Design and Development	628-122	4 September 2012

 SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS				
Digital Electronics PLTW	880621/ 880622	Digital Electronics	605-118	4 September 2012
Intro to Engineering Design PLTW	880521/ 880522	Mechanical Engineering Technology/Intro to and Intro to AutoCAD Inventor	606-149 606-139	2 2 September 2012