

Career and Technical Education 2009-10 High School Business Courses																				
	East					LaFollette					Memorial					West				
	Course #	Course name	type	Cr	prerequisite	Course #	Course name	type	Cr	prerequisite	Course #	Course name	type	Cr	prerequisite	Course #	Course name	type	Cr	prerequisite
General Business	BUS241/242	Accounting 1	E	1		BUS411	Accounting / Computer Integrated	E	1		BUS413	Introduction to Accounting Concepts	E	.5		BUS431/432	Accounting	E	1	
	BUS210	Personal Finance	E	.5		BUS750	Personal Finance	E	.5		BUS403	Personal Finance	E	0.5		BUS413	Personal Finance	E	.5	
	BUS220	Business Law	E	.5		BUS790	Business Law	E	.5		BUS441	Business and Personal Law 1	E	0.5		BUS323	Business and Personal Law	E	.5	
																BUS227	Introduction to Business and Marketing	E	.5	
											BUS420	Accounting for Dual Transcribed Credit	E	1						
											BUS430	AP Accounting	AP	1						
						BUS421	Honors Accounting	H	1	Accounting / Computer Integrated. Transfer students need instructor approval.										
						BUS780	Business Economics	E	.5											
						BUS501	Economics AP	AP	1											
											BUS442	Business and Personal Law 2	E	0.5						
											BUS453	International Business	E	0.5						
						BUS740	Career Exploration	E	.5		BUS113	Introduction to Business Careers	E	0.5						
	Computer Applications	BUS100	Computer Applications	E	.5		STW151	Career Internship	E	1	Student must complete a program application and interview.									
						BUS700	Keyboarding	E	.5		BUS213	Keyboarding	E	0.5		BUS203	Keyboarding	E	.5	
						BUS820	Basic Computer Literacy	E	.5											
						BUS760	Computer Literacy	R	.5											
						BUS770	Computer Literacy 2	E	.5	Computer Literacy										
											BUS210	Keyboarding/Advanced Keyboarding	E	1						
											BUS223	Advanced Keyboarding	E	.5	Keyboarding or instructor consent	BUS213	Advanced Keyboarding	E	.5	Keyboarding
															BUS403	Computer Applications	E	.5		
						BUS830	Information Technology - IT Fundamentals	E	.5						BUS491/492	Applied Computer Keyboarding 1	E	1		
						BUS840	Information Technology 2 Computer Hardware Essentials	E	.5	Information Technology - IT Fundamentals										
Graphic Design and Digital Media	<i>* All courses below are taught in the Technology and Engineering Department</i>					<i>* All courses below are taught in the Business Department except where noted (taught in the Technology and Engineering Department)</i>					<i>* All courses below are taught in the Art Department</i>					<i>* All courses below are taught in the Art Department, except where noted (taught in the Technology and Engineering Department)</i>				
	TEC100	Computers and Technology	E	.5		TEC850	Computer Media in Technology	E	.5	<i>*Taught in the Technology and Engineering Department</i>										
	TEC110	Introduction to Graphic Design	E	.5		BUS720	Desktop Publishing and Graphic Design	E	.5		ART613	Computer Art: Digital Imagery	E	0.5		ART501/502	Design Graphics Publishing	E	1	Design Illustration I or Digital Imaging and Photography I
	TEC201/202	Graphic Design 2/Yearbook	E	1	Completion of Introduction to Graphic Design or completion of (or current enrollment) in Journalism.	BUS301	Yearbook Design and Publishing	E	1	Desktop Publishing and Graphic Design or teacher recommendation.	ART623	Computer Art: Illustration	E	0.5						
	TEC180	Web Design 1	E	.5		BUS810	Webpage Design	E	.5	Knowledge of Microsoft Word					BUS503	Webpage Design for Business / Marketing	E	.5	<i>*Taught in the Business Department</i>	
															ART568	Design Graphics Web Design	E	.5	Design Illustration I or Digital Imaging and Photography I	
	TEC190	Advanced Web Design	E	.5	Completion of Web Design 1.	ENG551	The Lance: Newspaper Publishing and Writing for Media	E	1	teacher recommendation for multiple credit and strong writing skills										
											ART633	Computer Art: Animation	E	0.5		ART578	Design Graphics Animation	E	.5	Design Illustration I or Digital Imaging and Photography I

High School Family and Consumer Education CTE Courses 2009-10																				
East					LaFollette					Memorial					West					
Course#	Course name	type	Cr	prerequisite	Course #	Course name	type	Cr	prerequisite	Course #	Course name	type	Cr	prerequisite	Course #	Course name	type	Cr	prerequisite	
Child Care	FCE211	Child Development 1	E	.5		FCE820	Child Development I	E	0.5		FCE210	Family Life Education - Child Development	E	1	Sophomore status is REQUIRED by the Department of Public Instruction for ACCT certificate	FCE428	Child Development	E	.5	Family Psychology
	FCE212	Child Development 2	E	.5		FCE830	Child Development II	E	0.5	Child Development I						FCE418	Child Development II	E	.5	Successful completion of Family Psychology with a "C" or better and be at least 17 years old making student eligible for the ACCT and Infant/Toddler Certifications.
	FCE352	AS Careers with Children	E	.5	Child Development 1 or 2															
	FCE121	PEP Leadership 1	E	.5																
	FCE122	PEP Leadership 1.5	E	.5	Current 9th, 10th, and 11th grade students need PEP 1. Teacher's signature required.															
	FCE310	PEP	E	.5	Signature of Department Principal						FCE223	Community Studies	E	0.5	Teacher's signature					
Foods/Culinary Arts	FCE120	Culinary Arts 1	E	.5		FCE700	Foods I	E	0.5		FCE113	Foods 1	E	0.5		FCE103	Chef	E	.5	
	FCE220	Culinary Arts 2	E	.5	Culinary Arts 1 or Regional World Cuisine	FCE710	Foods II	E	0.5	Foods I						FCE113	Chef II	E	.5	Successful completion of Chef.
	FCE124	Regional World Cuisine	E	.5	Culinary Arts 1 or senior with some cooking experience.						FCE123	Global Foods	E	0.5						
						FCE720	Cooking on a Budget	E	0.5											
											FCE131	Gourmet Chef Semester 1	E	0.5	One year of Science and Algebra 1	FCE128	Gourmet Chef	E	.5	Successful completion of Chef, Chef II
											FCE132	Gourmet Chef Semester 2	E	0.5	One year of Science and Algebra 1					
Other FCE Courses	FCE400	Independent Living	E	.5		FCE770	Independent Living	E	0.5											
	FCE100	Clothing Construction and Careers	E	.5		FCE730	Sewing Basics	E	0.5											
	FCE110	Interior Design and Entrepreneurship	E	.5		FCE740	Sewing II	E	0.5	Sewing Basics										
						FCE790	Sewing III	E	0.5	Sewing II										
						FCE780	Marriage and Family Living	E	0.5											
						FCE760	Housing and Interior Design	E	.5											
										FCE310	HERO Employment Study	E	1	Teacher's signature.						
										FCE320	HERO Internship	E	1	Teacher's signature.						

Career & Technology Education 2009-2010 High School Health Science Occupations Courses

East					LaFollette					Memorial					West				
Course#	Course name	Type	Cr	Prerequisite	Course #	Course name	Type	Cr	Prerequisite	Course #	Course name	Type	Cr	Prerequisite	Course #	Course name	Type	Cr	Prerequisite
FCE230	Intro. to Health Science Occupations	E	.5		FCE750	Health Science Occupations I	E	.5		FCE411	Health Science Occupations 1	E	0.5		FCE217	Health Science Occupations 1	E	.5	
FCE280	Medical Occupations 2	E	.5	Completion of or concurrent enrollment in Introduction to Health Science Occupations required.	FCE800	Health Science Occupations II	E	.5	Health Science Occupations I with a C or better and teacher approval	FCE412	Health Science Occupations 2	E	0.5	Health Science Occupations 1					
FCE250	AS Certified Nursing Assistant	E	1	Successful completion of, or concurrent registration in Health Science Occupations.	FCE810	Health Science Occupations III	E	.5	Health Science Occupations I and Health Science Occupations II with a B or better and teacher approval	FCE423	Nursing Assistant	E	.5	Successful completion of one of the following: Any Science or Health Occupations					
					FCE850	Medical Terminology	E	.5	Health Science Occupations I and Health Science Occupations II										
FCE240	Health Information Office Assistant	E	.5							FCE463	Medical Office Assistant	E	0.5	Keyboarding or instructor approval					

HS Language Arts Courses 2009-10																				
	East					LaFollette					Memorial					West				
	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite
9th Grade	ENG111/112	English 9	R	1.0		ENG101	English 9	R	1.0		ENG111/112	English 9	R	1.0		ENG101/102	English 9	R	1.0	
	ENG121/122	Advanced English 9	A	1.0	Proficient on WKCE	ENG161	Honors English 9	H	1.0	teacher recommendation										
	ENG131/132	English 9 Honors	H	1.0	Admissions panel															
10th Grade	ENG211/212	English 10	R	1.0		ENG201	English 10	R	1.0	English 9	ENG221/222	English 10	R	1.0	English 9	ENG201/202	English 10	R	1.0	Teacher recommendation: Embedded Honors
	ENG221/222	Advanced English 10	A	1.0	Successful completion of Adv English 9	ENG261	Honors English 10	H	1.0	English 9 or teacher recommendation	ENG231/232	English 10 Honors	H	1.0	Recommendation of English 9 teacher	ENG307	Writing for Publication Language, Usage & Grammar	E	0.5	
	ENG231/232	English 10 Honors	H	1.0	Self-select	ENG720	Creative Writing	E	0.5	English 9	ENG211/212	Directed English 10	R	1.0	English 9 and recommendation of English 9 teacher	ENG327/328	Grammar	E	0.5	Recommendation: Good understanding of basic grammar.
	ENG200	Spoken Word and Contemporary Poetics	E	0.5		ENG740	Advanced Creative Writing	E/A	0.5	Creative Writing	ENG241	Drama 1	E	0.5		ENG527/528	Contemporary Literature	E	0.5	
	ENG280	Introduction to Journalism	E	0.5		ENG551	Writing for the Media	E	1.0		ENG242	Drama 2	E	0.5		ENG643	Dramatic Literature	E	0.5	
	ENG290	Theatre Arts	E	0.5											ENG653	The Bible as Literature	E	0.5		
	ENG 340	Creative Writing	E	0.5											ENG668	Science Fiction	E	0.5		
															ENG727/728	Film Study	E	0.5		
															ENG913	Public Speaking	E	0.5		
															ENG927/928	Theater Arts I	E	0.5		
															ENG943	Mass Media	E	0.5		
															ENG957	Multico	E	1.0	By teacher selection only.	
11th Grade	ENG311/312	English 11	R	1.0		ENG301	English 11	R	1.0	English 10	ENG321/322	English 11	R	1.0	English 10 or English 10 Honors, or concurrent enrollment in English 10.	ENG403	Advanced Writing Workshop (Honors)	H	0.5	Recommendation: Successful Completion of an Honors Level Literature Course.
	ENG321/322	Advanced English 11	A	1.0	Successful completion of Adv Eng 10	ENG361	Honors English 11	H	1.0	Honors English 10 or teacher recommendation	ENG311/312	Directed English 11	R	1.0	English 10 or Directed English 10 or recommendation of English 10 teacher.	ENG413	Creative Writing Workshop	E	0.5	Teacher recommendation:
	ENG331/332	AP Language & Composition	AP	1.0	Self-select	ENG371	Language & Composition AP	AP	1.0	Honors English 10 or teacher recommendation	ENG331/332	English Language AP	AP	1.0	English 10 teacher's signature. Check with English 10 teacher for details of required summer project.	ENG807/808	Trends in 20th Century Literature (Honors)	H	0.5	Teacher recommendation: Embedded Honors
	ENG300	Contemporary Literature 1	E	0.5		ENG471	Literature & Composition AP Reading, Writing, and Performing Drama	AP	1.0	Honors English 11 or teacher recommendation					ENG817/818	Survey of American Literature (Honors)	H	0.5	Teacher recommendation: Embedded Honors	
	ENG302	Contemporary Literature 2	E	0.5		ENG501		E	1.0	English 9 & 10					ENG827	English Literature (Honors)	H	0.5	Teacher recommendation: Embedded Honors	
	ENG310	Mass Media Literacy	E	0.5											ENG837	Shakespeare (Honors)	H	0.5	Teacher recommendation: Embedded Honors	
	ENG320	Pre-College Composition	E	0.5											ENG848	European Literature (Honors)	H	0.5	Teacher recommendation: Embedded Honors	
	ENG330	The Novel	E	0.5											ENG937/938	Theater Arts II (Honors)	H	0.5	Theater I; Embedded Honors	
	ENG340	Creative Writing	E	0.5												Theater Arts III (Honors)	H	0.5	Theater II; Embedded Honors	
	ENG370	Advanced Creative Writing	A	0.5	Creative Writing															
	ENG380	Advanced Journalism	E	0.5	Introduction to Journalism															
	ENG390	English Literature	E	0.5																
12th Grade	ENG433/434	AP Literature & Composition	AP	1.0	Self-Select	ENG401	English 12	R	1.0	English 11	ENG421/422	English 12	E	1.0	English 11 or English 11AP, or concurrent enrollment in English 11.					
						ENG461	Honors English 12	H	1.0	Honors English 11 or teacher recommendation	ENG411/412	Directed English 12	E	1.0	English 11 or Directed English 11 or recommendation of English 11 teacher.					
											ENG431/432	English Literature AP	AP	1.0	English 11 teacher's signature.					
											ENG521/522	Amer Lit Honors	H							
Key:	A	Advanced																		
	E	Elective																		
	H	Honors																		
	AP	Advanced Placement																		
	R	Required																		

HS Fine Arts Courses 2009-10 - Misc

	East					LaFollette					Memorial					West				
	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite
9th Grade																				
10th Grade	ENG290	Theatre Arts	E	0.5		PHY820	Social Dance	E	0.5		ENG241	Drama 1	E	0.5		PHY363	Dance 1	E	0.5	
											ENG242	Drama 2	E	0.5	Drama 1 recommended.	ENG927/928	Theater Arts I	E	0.5	
																ENG957	Multico	E	1.0	By teacher selection only.
11th Grade											PHY413	Dance 1	E	0.5	Junior or senior standing.	PHY373	Dance 2	E	0.5	Dance 1 or consent of instructor.
											PHY423	Dance 2	E	0.5	Dance 1 or teacher's signature.	ENG937/938	Theater Arts II (Honors)	E	0.5	Theater I
12th Grade																				

**Career and Technical Education 2009-10 Course Offerings, Marketing Education**

East					LaFollette					Memorial					West				
Course #	Course name	Type	CR	Prerequisite	Course #	Course name	Type	CR	Prerequisite	Course #	Course name	Type	CR	Prerequisite	Course #	Course name	Type	CR	Prerequisite
BUS121/122	Intro to Sales/Marketing (9-12)	E	1		MRK700	Marketing (9-12)	E	.5		MRK110	Marketing 1 (10,11,12)	E	1		MRK123	Marketing & Sales (9-12)	E	.5	
					MRK710	Advertising & Sales (10-12)	E	.5							MRK133	Advertising & Display (9-12)	E	.5	
					MRK730	Sports & Entertainment Marketing (11-12)	E	.5	Marketing	MRK153	Sports & Entertainment (10,11,12)	E	.5		MRK253	Sports, Hospitality & Entertainment (11-12)	E	.5	Marketing & Sales
BUS301	Starting Your Own Business (11,12)	E	.5		MRK121	Starting Your Own Business (11-12)	E	1		MRK123	Starting A Business (10,11,12)	E	.5		MRK227	Starting A Business (11-12)	E	.5	
										MRK130	Marketing Management (12)	E	1	Marketing and teacher's signature	MRK301/302	Advanced Marketing (12)	E	1	Marketing & Sales
					MRK720	Leadership Development (10-12)	E	.5							MRK143	Leadership Skills (10-12)	E	.5	
					STW151	Career Internship (11-12)	E	1+	Students must complete a program application and interview	MRK140	Marketing Internship (12)	E	1	Marketing and teacher's signature	MRK311/312	Marketing Internship (12)	E	1	
					MRK151	School Store: Marketing Management (12)	E	2	Marketing and program application and interview with instructor.						MRK201/202	Store Management (10-12)	E	1	Strongly recommend having one semester or more of Marketing classes.
															MRK211/212	Store Management II (11-12)	E	1	Completion of Store Management with an A and consent of instructor.

High School Math Courses 2009-10

	East					LaFollette					Memorial					West					
	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	
9th Grade											MAT081/082	Algebra Extended Year 1	R	1	Teacher recommendation.						
											MAT083/084	Algebra Extended Year 2	R	1	Teacher recommendation.						
	MAT131/132	Algebra 1	R	1	Graphing calculator required.	MAT101	Algebra I	R	1	Graphing calculator required.	MAT111/112	Algebra 1	R	1	A passing grade in 8th grade math. <b>Scientific calculator required, graphing recommended.</b>	MAT111/112	Algebra I	R	1	Completion of 8th grade math. <b>Scientific or graphing calculator required.</b>	
											MAT121/122	Algebra 1 Honors	H	1	A grade of A or B in 8th grade math or Algebra 1 and teacher recommendation. <b>Scientific calculator required.</b>	MAT112/122	Algebra 1 Honors	H	1	Recommendation of 8th grade math teacher. <b>Graphing calculator provided when needed.</b>	
	MAT121/122	Integrated Math 1	R	1	Graphing calculator required.											MAT131/132	Integrated Math 1	R	1	Completion of 8th grade math. <b>Graphing calculator required.</b>	
10th Grade	MAT231/232	Geometry	R	1	Must have passed both semesters of Algebra 1.	MAT211	Geometry	R	1	Algebra I	MAT211/212	Geometry	R	1	Algebra 1 or Algebra 1 Honors, and the recommendation of your Algebra 1 or Algebra 1 Honors teacher. <b>Scientific calculator required.</b>	MAT211/212	Geometry	R	1	Successful completion of Algebra I. <b>Scientific or graphing calculator required.</b>	
	MAT281/282	Geometry Honors	H	1	Pass Algebra Integrated Math 1 or for 9th graders recommendation of 8th grade teacher and completion of summer packet. <b>Graphing calculator required.</b>	MAT221	Honors Geometry	H	1	Algebra I and teacher recommendation.	MAT221/222	Geometry Honors	H	1	Algebra 1 Honors and the recommendation of your Algebra 1 Honors teacher. <b>Scientific calculator required.</b>	MAT221/222	Geometry Honors	H	1	Grade of A or B in Algebra I Honors	
	MAT221/222	Integrated Math 2	R	1												MAT231/232	Integrated Mathematics 2	R	1	Successful completion of Integrated Mathematics 1. <b>Graphing calculators are used.</b>	
11th Grade	MAT331/332	Algebra 2/Trig	AR	1	Must have passed either Geometry Honors or Geometry. <b>Graphing calculator required.</b>	MAT311	Algebra 2 - Trigonometry	AR	1	Geometry. <b>Graphing calculator required.</b>	MAT311/312	Algebra 2/Trig	AR	1	Algebra 1 or Algebra 1 honors, Geometry and the recommendation of your Geometry teacher. <b>Scientific calculator required, graphing calc can be used at times.</b>	MAT311/312	Algebra 2-Trig	AR	1	Successful completion of Algebra I and Geometry with grade of C or better. <b>Graphing calculators are used.</b>	
						MAT321	Honors Algebra 2 - Trigonometry	AR	1	Geometry or Honors Geometry and teacher recommendation. <b>Graphing calculator required.</b>	MAT321/322	Algebra 2/Trig Honors	AR	1	Geometry Honors with a B or better average and the recommendation of your Geometry Honors teacher. <b>Scientific calculator required, graphing required by some teachers.</b>	MAT321/322	Algebra 2-Trig Honors	AR	1	Grade of A or B in Geometry Honors. <b>Graphing calculator required.</b>	
	MAT321/322	Integrated Math 3	AR	1	Integrated Math 2. <b>Graphing calculator required.</b>											MAT331/332	Integrated Mathematics 3	AR	1	Successful completion of Integrated Mathematics 2. <b>Graphing calculators are used.</b>	
	MAT201/202	Pre-Calculus	AR	1	Must have passed Accelerated Geometry. Completion of summer packet. <b>Graphing calculator required.</b>	MAT361	Pre-Calculus	AR	1	Honors Alg 2 - Trig or Alg 2 - Trig and teacher recommendation. <b>Graphing calculator required</b>	MAT361/362	Pre-Calculus	AR	1	An "A" average in both Algebra 1 Honors and Geometry Honors and teacher recommendation. <b>Scientific calculator required, graphing recommended.</b>	MAT361/362	Pre-Calculus	AR	1	Grade of A or B in Algebra 2-Trig Honors. <b>Graphing calculators are used.</b>	
12th Grade	MAT421/422	Integrated Math 4	AR	1	Integrated Math 3. <b>Graphing calculator required.</b>											MAT431/432	Integrated Mathematics 4	AR	1	Successful completion of Integrated Mathematics 3. <b>Graphing calculators are used.</b>	
	MAT451/452	Advanced Algebra-Analytic Geometry (Alg 3)	AR	1	Must have passed Algebra 2/Trig. <b>Graphing calculator required.</b>						MAT411/412	Algebra 3	AR	1	Algebra 2/Trig or Algebra 2/Trig Honors with a C or better average and the recommendation of your Algebra 2/Trig or Algebra 2/Trig Honors teacher. <b>Scientific calculator required, graphing required by some teachers.</b>	MAT411/412	Algebra 3	AR	1	Successful completion of Algebra 2-Trig. <b>Graphing calculators are used.</b>	
						MAT451	Functions, Statistics, and Trigonometry	AR	1	Algebra 2 - Trigonometry. <b>Graphing calculator required</b>											
	MAT491/492	Algebra Concepts TC*	CC	1+	Algebra 1 and Geometry or Integrated Math 1 & 2	MAT511	Algebra Concepts TC	CC	1	Algebra and Geometry or Integrated Math 1 & 2. <b>Graphing calculator required</b>	MAT511/512	Algebra Concepts for Transcribed Credit	CC	1	Successful completion of Algebra 1 and Geometry or Integrated Math 1 and 2.	MAT511/512	Algebra Concepts for Transcribed Credit	CC	1	Successful completion of Algebra & Geometry or Integrated Math 1 & 2.	
	MAT501/502	AP Calculus AB	AP	1	Must have successfully passed Pre-Calculus, Adv Alg/Analyt Geom, or Int Math 4. Signature of current math teacher required. Completion of summer packet. <b>Graphing calculator required.</b>	MAT521	Calculus I AP	AP	1	Pre-Calculus. <b>Graphing calculator required</b>	MAT521/522	Calculus AB - AP	AP	1	Pre-Calculus or Algebra 3 Honors with a grade of "B" or better and teacher recommendation. <b>Graphing calculator recommended.</b>	MAT521/522	Calculus AB AP	AP	1	Successful completion with a grade of B or better in Pre-Calculus. <b>Graphing calculator required.</b>	
	MAT521/522	AP Calculus BC	AP	1	Must have successfully passed AP Calculus AB. Signature of Calculus AB teacher is required. Completion of summer packet. <b>Graphing calculator required.</b>	MAT531	Calculus II AP	AP	1	Calculus II AP. <b>Graphing calculator required</b>	MAT531/532	Calculus BC - AP	AP	1	Recommendation of Calculus AB (AP) teacher. <b>Graphing calculator recommended.</b>	MAT531/532	Calculus BC AP	AP	1	Successful completion of Calculus I. <b>Graphing calculators are used.</b>	
	MAT541/542	AP Statistics	AP	1	Must have successfully passed Algebra 2/Trig or higher math course. Signature of Pre-Calculus, Adv Alg/Analytic Geometry, Algebra 2/Trig teacher is required. <b>Graphing calculator required.</b>	MAT541	Statistics AP	AP	1	Functions, Statistics and Trigonometry or Honors Algebra 2 - Trigonometry. <b>Graphing calculator required</b>	MAT541/542	Statistics AP	AP	1	Algebra 2/Trig with a grade of "B" or better and the recommendation of your Algebra 2/Trig teacher. <b>Graphing calculator required.</b>	MAT541/542	Statistics AP	AP	1	Successful completion of Algebra 2-Trig. <b>Graphing calculator required.</b>	
						MAT611	Introduction to Programming	E	1	Computer Literacy or waiver on file, Algebra I											
						MAT621	Computer Science AP	AP	1	Introduction to Programing and Algebra 2/Trigonometry											
											MAT911/912	Algebra/Geometry Survey	AR	1	Algebra 1 and Geometry and recommendation of your Geometry teacher. <b>Scientific calculator required.</b>						
											MAT921/922	Statistics	AR	1	Algebra 2/Trig with a grade of "C" or better and the recommendation of your Algebra 2/Trig teacher. <b>Graphing calculator required.</b>						
	Course is not being run in 2009-2010				Key: A	Advanced															
	Course does not appear in course guide.				E	Elective															
					H	Honors															
					AP	Advanced Placement															
					R	Required															

East					LaFollette					Memorial					West					
course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	
9th Grade	SCI111/112	Biology	R	1.00		SCI101	General Biology I	R	1.00		SCI111/112	Integrated Science	R	1		SCI101/102	Biology I	R	1	The following criteria are used to select students for the class: self nomination for the course, satisfactory score on a screening exam given in the Spring of the year, a demonstrated past interest in science, and the recommendation of a former science teacher.
	SCI131/132	Biology TAG	H	1.00	Signature of Literacy/TAG coordinator required.	SCI161	Honor Biology I	H	1.00	Recommendation of 8th grade science teacher.						SCI151/152	Biology I Accelerated	H	1	
10th Grade	SCI213/214	Physical Science Chemistry	E	0.50		SCI201	Biology II	A	1.00	Biology I and a physical science course such as Physics, Chemistry, Earth Science or Physical Science.	SCI211/212	Earth Science 1	E	1	Science teacher's signature.	SCI201/202	Biology II	A	1	Biology I and Algebra I or Integrated Math I, General Chemistry/Chemistry or enrolled concurrently.
	SCI215/216	Physical Science Physics	E	0.50		SCI381	Physical Science	R	1.00		SCI311/312	Fundamentals of Biology	E	1	Science teacher's signature.	SCI301/302	Earth Science	E	1	Biology I or Physical Science
	SCI221/222	Chemistry	E	1.00	Successful completion of 2 semesters of high school mathematics	SCI181	Practical Physical Science	E	1.00	Consent of case manager or counselor or consent of the instructor.	SCI321/322	Biology	E	1	Science teacher's signature.	SCI401/402	General Chemistry	E	1	Successful completion of Biology I. A student may not take both Chemistry and General Chemistry.
	SCI231/232	Chemistry TAG	H	1.00	Signatures of current Math teacher and current Science teacher and Literacy/TAG Coordinator. Successful completion of 2 semesters of high school Mathematics	SCI401	General Physics	E	1.00	Algebra (good algebra skills required--see description), Biology I or other science.	SCI373	Forensic Science	E	0.5	Science teacher's signature.	SCI451/452	Chemistry	E	1	Successful completion of Algebra I and Biology I. A student may not take both Chemistry and General Chemistry.
	SCI210	Geology	E	0.50		SCI461	Math Physics I	E	1.00	Algebra, Biology I or other science.	SCI403	Fundamentals of Physics	E	0.5	Science teacher's signature.	SCI601/602	Advanced University Research in the Sciences	A	.25+	Current Sophomore or Junior, GPA 3.5+, and successful completion of 1-2 years of science and math.
	SCI240	Advanced Lab Science	E	0.25	Instructor signature required.	SCI601	Advanced University Research in the Sciences	A	.25+	Current Sophomores or Juniors, GPA 3.5+, 1-2 years of science. Participants are selected based on a competitive application process and teacher recommendations.	SCI411/412	General Physics	E	1	Geometry and science teacher's signature.					
	SCI297	Advanced University Research in the Sciences	A	0.75	Application and signature of instructor.						SCI503	Fundamentals of Chemistry	E	0.5	Science teacher's signature.					
	SCI212	Meteorology	E	0.50							SCI511/512	Chem-Com Chemistry	E	1	Integrated Science and Algebra I. Sophomores must have consent of Chem-Com teacher.					
	SCI350	AstroPhysics	E	0.50	Successful completion of Geometry or Integrated Mathematics 2, or consent of instructor. Completion of at least one semester of a physical science.						SCI521/522	Math Chemistry	E	1	Integrated Science, Algebra I with grade of C, and a math course to be taken concurrently.					
											SCI531/532	Chemistry AP	AP	1	Science teacher's signature; and one year of chemistry or the equivalent with a grade of B (Math Chemistry recommended).					
											Advanced University Research in the Sciences	A	.25+	Current sophomore or junior, GPA of 3.6, successful completion of 1-2 years of science and math.						
11th Grade	SCI200	Limnology and Oceanography	E	0.50		SCI261	Advanced Biology II	A	1.00	Biology I, Math Physics I, Math Chemistry	SCI221/222	Earth Science 2	A	1	Grade of "C" or better in Earth Science 1 and Earth Science teacher's signature.	SCI501/502	General Physics	E	1	Biology I and Algebra I. Students may not take both General Physics and Math Physics.
	SCI301/302	Human Anatomy/Physiology	A	1.00	Completion of Chemistry, semesters 1 and 2	SCI571	Biotechnology	A	1.00	Biology I and Physics, Chemistry (may be taken concurrently)	SCI331/332	Conservation Biology	E	1	Biology or AP Biology.	SCI551/552	Accelerated Math Physics	A	1	Biology I, Algebra I, Geometry and be enrolled in a math class beyond Geometry. Students may not take both General Physics and Math Physics.
	SCI311/312	Physics	E	1.00	Successful completion of or enrolled in Alg/Trig, Integrated Math 3, or higher Math course.	SCI301	General Chemistry	E	1.00	Algebra, General Physics	SCI341/342	Biology AP	AP	1	Grade of C in Chem-Com or Math Chemistry, or teacher's signature.	SCI623	Biotechnology	A	0.5	Biology I and Algebra I completed. Completion of a Chemistry course or taken concurrently.
	SCI331/332	Physics TAG	H	1.00	Must be enrolled in Alg/Trig, Integrated Math 3, or higher Math course. Signature of Literacy/TAG coordinator required.	SCI361	Math Chemistry	E	1.00	Math Physics I, Algebra	SCI351/352	Intro to Molecular Biology & Genetic Engineering	E	1	Integrated Science, Biology, or concurrent enrollment in AP Biology and Chemistry.	SCI657/658	Advanced Biology	A	.5-1	Successful completion of Biology I and Chemistry as well as Physics and Intermediate Algebra-Trig. Completed or taken concurrently.
	SCI341/342	Advanced Biology	A	1.00	Successful completion of both semesters of Chemistry and Biology.	SCI391	Honors Math Chemistry	H	1.00	Math Physics I, Algebra-Trig	SCI361/362	Anatomy & Physiology	A	1	ISP and a passing grade in Biology or AP Biology.	SCI667/668	Advanced Chemistry	A	.5-1	Successful completion of a Chemistry course as well as Physics and Intermediate Algebra 2-Trig completed or taken concurrently.
						SCI501	Chemistry AP	AP	1.00	Honors Math Chemistry or Math Chemistry with teacher recommendation.	SCI421/422	Math Physics	E	1	Science teacher's signature and math beyond Algebra 2, or signature of math teacher for students concurrently Algebra 2. Integrated Science recommended.	SCI677	Advanced Physics	A	0.5	Biology I, Chemistry and Physics completed. First semester course only.
						SCI371	Earth Science	E	1.00	Biology I and General Physics or Math Physics I	SCI611/612	Aerospace Engineering	E	1	Freshman level science and teacher's signature.	SCI688	Advanced Astronomy and Astrophysics	A	0.5	Biology I, Chemistry and Physics completed. Second semester course only.
						SCI471	Math Physics II	A	1.00	Math Physics I, General Physics	SCI621/622	Astronomy	E	1	Integrated Science and geometry.					
						SCI561	Advanced Science & Engineering	A	1.00	Chemistry and Math Physics I and II, Algebra-Trig	SCI631/632	Environmental Science AP	AP	1	Integrated Science, Math Chemistry or Chem-Com, with a grade of C, or science teacher's signature.					
12th Grade	SCI420	Advanced Chemistry	A	0.50	Successful completion of both semesters of Chemistry.						SCI433	Physics B AP	AP	0.5	Math Physics or General Physics, and Calculus A/B or teacher's signature. Integrated Science recommended.					
	SCI422	Advanced Physics	A	0.50	Successful completion of Physics.															
	SCI461	Physics C: Mechanics AP	AP	0.50	Both semesters of Physics. Both semesters of Calculus AB (or concurrent enrollment in Calculus AB). Signature of teacher.															

Key: A Advanced  
 E Elective  
 H Honors  
 AP Advanced Placement  
 R Required



**HS Social Studies Courses 2009-10**

	East					LaFollette					Memorial					West				
	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite	course #	course name	type	cr	prerequisite
9th Grade	SOC111/112	U. S. History 9	R	1.0	Honors Application Process	SOC101	U.S. History	R	1.0		SOC111/112	American Experience 1 & 2	R	1.0		SOC101/102	United States History 9	R	1.0	
	SOC131/132	U. S. History Honors	H	1.0		SOC161	Honors U.S. History	H	1.0	Eighth Grade History										
10th Grade	SOC211/212	World History 10	R	1.0	Signature of current instructor	SOC201	Modern World History	R	1.0		SOC211/212	World History	R	1.0	Signature of American Experience 1 and 2 teacher; Student and PARENT signature on summer project handout.	SOC201/202	Western Civilization 10	R	1.0	
	SOC231/232	World History Honors	H	1.0		SOC261	Honors Modern World History	H	1.0		SOC221/222	World History AP	AP	1.0						
	SOC200	Ethnic Studies	E	0.5		SOC481	American Women's History	E	1.0		SOC433	Americans and the World	E	0.5						
	SOC210	Social Psychology	E	0.5		SOC561	European History AP	AP	1.0		SOC511/512	Women in U.S. History	E	1.0						
	SOC220	Amer. Politics and Government	E	0.5		SOC780	Global Issues of the 21st Century	E	0.5		SOC521/522	The Ancient World	E	1.0						
	SOC230	Basic Economics	E	0.5		SOC800	War--Causes, Conduct and Resolution	E	0.5		SOC531/532	European History AP	AP	1.0						
											SOC543	The Culture and Influences of African Societies	E	0.5						
											SOC411/412	Ethnic Studies	E	1.0						
											SOC423	American Politics	E	0.5						
											SOC613	Psychology	E	0.5						
											SOC622	Psychology AP	AP	0.5						
11th/12th Grade	SOC310	U.S. History Since 1950	R	0.5	US History 9 or World History 10	SOC700	America Since '45	R	0.5		SOC353	American Experience 3	R	0.5	Enrollment by teacher recommendation only. Please see your social studies teacher.	SOC303	US History/American Experience	R/E	0.5	
	SOC300	History of Arts and Ideas	E	0.5		SOC720	Challenges of Democracy	E	0.5		SOC313	Basic Economics	R	0.5		SOC483	US History/African American Experience	R/E	0.5	
	SOC320	Wisconsin History	E	0.5		SOC730	Human Social Behavior	E	0.5		SOC323	Economics	R	0.5		SOC313	Africa	R/E	0.5	
	SOC330	U.S. History Since 1950 Honors	H	0.5	Signature of current instructor	SOC770	Human Social Behavior 2	E	0.5	Human Social Behavior	SOC333	Microeconomics AP	AP	0.5	Signature of World History teacher.	SOC323	Latin America	R/E	0.5	
	SOC340	History of Justice and Law	E	0.5		SOC750	Social Issues	E	0.5		SOC342	Macroeconomics AP	AP	0.5	Microeconomics AP or Economics.	SOC333	Middle East	R/E	0.5	
	SOC361	AP Macroeconomics	AP	0.5	Successful completion of Algebra, signature of instructor required	SOC760	Multicultural Studies	E	0.5							SOC343	China	R/E	0.5	
	SOC362	AP Microeconomics	AP	0.5	Successful completion of Algebra, signature of instructor required	SOC790	Multicultural Field Studies	E	0.5	Multicultural Studies						SOC418	Introduction to Economics	E	0.5	
	SOC364	AP Psychology	AP	0.5	Grade of "C" or better in Social Psychology, signature of instructor required.	SOC571	U. S. History AP	AP	1.0							SOC437	U.S. Government and Politics AP	AP	0.5	
	SOC366	US Government and Politics AP	AP	0.5	Grade of a "C" or better in American Politics and Government.	SOC740	Advanced Psychology	A	0.5	Human Social Behavior						SOC443	Contemporary World Issues	E	0.5	
	SOC367/368	European History AP	AP	1.0	Successful completion of World History, signature of instructor required.											SOC463	Social Issues	E	0.5	
	SOC380	Women in American History	E	0.5	United States 9 or signature of instructor required.											SOC453	Social Psychology	E	0.5	
	SOC390	U.S./World: Survey of Issues	E													SOC473	Women and Society	E	0.5	

R=required, E=elective, AP=AP, T=TAG, H=Honors, A=Advanced

Career & Technology Education 2009-10 High School Technology Courses																					
	East					LaFollette					Memorial					West					
	Course#	Course name	type	Cr	prerequisite	Course #	Course name	type	Cr	prerequisite	Course #	Course name	type	Cr	prerequisite	Course #	Course name	type	Cr	prerequisite	
Transportation	TEC140	Outdoor Power Equipment Technology	E	.5		TEC750	Outdoor Power Equipment Technology	E	.5		TEC219	Outdoor Power Equipment Technology	E	0.5		TEC518	Outdoor Power Equipment Technology	E	.5		
	TEC150	Consumer Auto	E	.5		TEC700	Consumer Auto	E	.5		TEC213	Consumer Auto	E	0.5		TEC503	Consumer Auto	E	.5		
	TEC160	Auto Technology 1 /Engine Systems	E	.5	Consumer Auto or Outdoor Power Equipment Technology.	TEC760	Automotive Technology 1/Engine Systems	E	.5	Consumer Auto or Outdoor Power Equipment Technology	TEC223	Auto Technology 1 /Engine Systems	E	0.5	Consumer Auto or Outdoor Power Equipment Technology	TEC537	AutomotiveTechnology 1/Engine Systems	E	.5	Successful completion of Outdoor Power Equipment Technology or Consumer Auto	
	TEC231/232	Auto Technology 2	E	1	Automotive Technology 1/Engine Systems	TEC511	Automotive Technology 2	E	1	Automotive Technology 1/Engine Systems	TEC231/232	Auto Technology 2	E	1	Auto Technology 1/Engine Systems						
						TEC521	Automotive Technology 3	E	1	Automotive Technology 2	TEC241/242	Auto Technology 3	E	1	Auto Technology 2						
						TEC531	Automotive Technology 4/Advanced Engines	E	1	Automotive Technology 3	TEC251/252	Auto Technology 4 Advanced Engines	E	1	Auto Technology 2						
											TEC261/262	Youth Apprenticeship Automotive Repair	E	1	Outdoor Power Equipemnt OR Consumer Auto						
Engineering	TEC171/172	Introduction to Engineering (PLTW)	E	1	Algebra recommended, or currently enrolled.	TEC111	Introduction to Engineering-PLTW	E	1	Algebra recommended or currently enrolled.	TEC321/322	Introduction to Engineering-PLTW	E	1	Algebra recommended or currently enrolled	TEC401/402	Introduction to Engineering-PLTW	E	1	Success completion of Algebra or taken concurrently.	
	TEC271/272	Principals of Engineering (PLTW)	E	1	Geometry recommended, or currently enrolled.						TEC331/332	Principals of Engineering-PLTW	E	1	Geometry recommended or currently enrolled	TEC411/412	Principals of Engineering-PLTW	E	1	Successful completion of Intro to Engineering. Recommended: Successful completion of Geometry or currently enrolled in Geometry or signature from instructor.	
	TEC255/256	Digital Electronics (PLTW)	E	1	Algebra 1						TEC341/342	Civil Engineering & Architecture-PLTW	E	1	Geometry recommended or currently enrolled						
						TEC411/412	Civil Engineering & Architecture-PLTW	E	1	Geometry recommended or currently enrolled.	SCI611/612	Aerospace Engineering-PLTW	E	1	Freshman level science and teacher's signature.						
	TEC275/276	Computer Integrated Manufacturing (PLTW)	E	1	Completion of Introduction to Engineering and Principles of Engineering OR completion of Metals Manufacturing 1 and Metal Manufacturing 2.						TEC351/352	Engineering Design and Development	E	1	At least one PLTW course and teacher's signature						
Woodworking and Construction	TEC120	Introduction to Woodworking (WoodLINKS)	E	.5		TEC800	Introduction to Woodworking (WoodLINKS)	E	.5		TEC151/152	Introduction to Woodworking (WoodLINKS)	E	1		TEC203	Introduction to Woodworking (WoodLINKS)	E	.5		
	TEC121	Furniture and Cabinetry (WoodLINKS)	E	.5	Introduction Tto Woodworking (WoodLINKS)	TEC810	Furniture and Cabinetry (WoodLINKS)	E	.5	Introduction Tto Woodworking (WoodLINKS)	TEC123	Furniture and Cabinetry (WoodLINKS)	E	0.5	Introduction Tto Woodworking	TEC218	Furniture and Cabinetry (WoodLINKS)	E	.5	Introduction to Woodworking (WoodLINKS)	
	TEC122	Advanced Furniture and Cabinetry (WoodLINKS)	E	.5	Furniture and Cabinetry (WoodLINKS)						TEC131/132	Advanced Furniture and Cabinetry (WoodLINKS)	E	1	Furniture and Cabinetry	TEC221/222	Advanced Furniture and Cabinetry (WoodLINKS)	E	1	Furniture and Cabinetry (WoodLINKS)	
	TEC311/312	Fine Woodworking (WoodLINKS)	E	1	Advanced Furniture and Cabinetry						TEC141/142	Fine Woodworking (WoodLINKS)	E	1	Advanced Furniture and Cabinetry	TEC231/232	Fine Woodworking (WoodLINKS)	E	1	Advanced Furniture and Cabinetry (WoodLINKS)	
	TEC170	Home Maintenance & Improvement (WoodLINKS)	E	0.5		TEC830	Home Maintenance & Improvement (WoodLINKS)	E	0.5		TEC413	Home Maintenance & Improvement (WoodLINKS)	E	0.5		TEC228	Home Maintenance & Improvement	E	0.5		
						TEC261	Introduction to Construction (WoodLINKS)	E	1	Introduction Tto Woodworking (WoodLINKS)											
	TEC100	Computers and Technology	E	0.5		TEC850	Computer Media	E	0.5												
Graphic Communication and Digital Media	TEC110	Introduction to Graphic Design	E	0.5																	
	TEC201/202	Graphic Design 2 / Yearbook	E	1	Completion of Introduction to Graphic Design or completion of (or current enrollment in) Journalism.																
	TEC180	Web Design 1	E	0.5																	
	TEC190	Advanced Web Design	E	0.5	Completion of Web Design 1																
Other Courses	TEC130	Metals Manufacturing 1	E	0.5																	
	TEC132	Metals Manufacturing 2	E	0.5	Completion of Metals Manufacturing 1.																
	TEC252	AS Metals Manufacturing 3	E	0.5	Completion of Metals Manufacturing 2 or completion of Intro to Engineering Design and Principles of Engineering.																
																TEC421/422	Materials Science Design / Drafting and Computer Aided Design	E	1		
															TEC311/312	Computer Aided Design	E	1	Introduction to Engineering		