

**GMHS Course Offerings 21-22**

New courses for 21-22	Course Number	Course	Pre-requisite	Eligible Grade Levels	Credits	A & T	Notes
	580	Accounting I	Pre-requisite	10, 11, 12	0.50	T	
	168	Acting and Set Design		9, 10, 11, 12	0.50	A	
	736	Acting and Set Design for Musicals		9, 10, 11, 12	0.50	A	
	320	Adv Alg/Trig Acc	Pre-requisite		1.00		
X	162	Advanced Public Speaking	Pre-requisite		0.50		
	301	Algebra I 9	Pre-requisite		1.00		
	311	Algebra II	Pre-requisite		1.00		
	300	Algebra II Acc 9	Pre-requisite		1.00		
	450	Anatomy	Pre-requisite		1.00		
	429_01	AP Biology	Pre-requisite		1.00		
	334_01	AP Calculus AB	Pre-requisite		1.00		
	334_02	AP Calculus BC	Pre-requisite		1.00		
	420_01	AP Chemistry	Pre-requisite		1.00		
	545_01	AP Chinese Language and Culture	Pre-requisite		1.00		
X	338	AP Computer Science Principles with Swift		11, 12	0.50		
	4011	AP Environmental Science	Pre-requisite		1.00		
	505_01	AP French Language and Culture	Pre-requisite		1.00		
	173_01	AP Literature and Composition	Pre-requisite		1.00		
	515_01	AP Spanish Language and Culture	Pre-requisite		1.00		
	231_01	AP US History	Pre-requisite		1.00		
X	399	App Development with Swift		9, 10, 11, 12	0.50	T	
X	464	Application of Science		11, 12	1.00		
	351	Applied Algebra Part 1			1.00		
	352	Applied Algebra Part 2	Pre-requisite		1.00		
	356	Applied Algebra Part 3	Pre-requisite		1.00		
	634	Architectural Design I		9, 10, 11, 12	0.50	A & T	
	638	Architectural Design II	Pre-requisite	10, 11, 12	0.50	A & T	
	755	Art Introduction		9, 10, 11, 12	0.50	A	
	752	Artistic Metalsmithing	Pre-requisite	9, 10, 11, 12	0.50	A	
	544	Asian Cultural Studies		9, 10, 11, 12	0.50		
	460	Astrophysics 12	Pre-requisite	10, 11, 12	0.50		
	413	Biology I			1.00		
	400	Biology I Acc 9	Pre-requisite		1.00		
	423	Biology II	Pre-requisite		1.00		
	722	Brass Ensemble		9, 10, 11, 12	0.50	A	
	731	Broadway Dinner Choir 11 and 12		11, 12	0.50	A	Additional choir required
	730	Broadway Dinner Choir 9 and 10		9, 10,	0.50	A	Additional choir required
	750	Ceramics	Pre-requisite	9, 10, 11, 12	0.50	A	
	421	Chemistry I 11	Pre-requisite		1.00		
	410	Chemistry I Acc 10	Pre-requisite		1.00		
	680	Child Dev I		9, 10, 11, 12	0.50		
	360	Coding I		9, 10, 11, 12	0.50	T	

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	361	Coding II	Pre-requisite	9, 10, 11, 12	0.50	T	
	556	College & Career Readiness	Pre-requisite	11	0.50		
	349	Computer Animation		9, 10, 11, 12	0.50	A & T	
	726	Concert Band 9 and 10		9, 10	0.50	A	
	350	Contemp. Statistics and Data Analysis		11, 12	0.50		
	169	Creative Writing		9, 10, 11, 12	0.50	T	
	640	Culinary Arts I		9, 10, 11, 12	0.50	A	Lab fee
	641	Culinary Arts II	Pre-requisite	10, 11, 12	0.50	A	Lab fee
	241	Current Affairs		9, 10, 11, 12	0.50		
	596	Digital Literacy		9, 10, 11, 12	0.50	T	
	742	Drawing	Pre-requisite	9, 10, 11, 12	0.50	A	
	744	Drawing II	Pre-requisite	10, 11, 12	0.50	A	
	480	Drone I	Pre-requisite	11, 12	0.50	T	
	481	Drone II	Pre-requisite	11, 12	0.50	T	
	12	ECTS Auto Body		10, 11, 12	4.00	A & T	
	2012	ECTS Auto Body		10, 11, 12	4.00	A & T	
	13	ECTS Auto Technology		10, 11, 12	4.00	A & T	
	2013	ECTS Auto Technology		10, 11, 12	4.00	A & T	
	28	ECTS Child Care		10, 11, 12	4.00	A & T	
	2028	ECTS Child Care		10, 11, 12	4.00	A & T	
	29	ECTS Cisco Networking		10, 11, 12	4.00	A & T	
	2029	ECTS Cisco Networking		10, 11, 12	4.00	A & T	
	15	ECTS Comm Art		10, 11, 12	4.00	A & T	
	2015	ECTS Comm Art		10, 11, 12	4.00	A & T	
	17	ECTS Comp Prog		10, 11, 12	4.00	A & T	
	2017	ECTS Comp Prog		10, 11, 12	4.00	A & T	
	14	ECTS Construction Trad		10, 11, 12	4.00	A & T	
	2014	ECTS Construction Trad		10, 11, 12	4.00	A & T	
	18	ECTS Cosmetology		10, 11, 12	4.00	A & T	
	2018	ECTS Cosmetology		10, 11, 12	4.00	A & T	
	2016	ECTS Culinary and Food		10, 11, 12	4.00	A & T	
	16	ECTS Culinary and Food S		10, 11, 12	4.00	A & T	
	19	ECTS Drafting		10, 11, 12	4.00	A & T	
	2019	ECTS Drafting		10, 11, 12	4.00	A & T	
	9	ECTS Electrical Engineering		10, 11, 12	4.00	A & T	
	2009	ECTS Electrical Engineering		10, 11, 12	4.00	A & T	
	20	ECTS Electronics		10, 11, 12	4.00	A & T	
	2020	ECTS Electronics		10, 11, 12	4.00	A & T	
	25	ECTS Facility Engineer		10, 11, 12	4.00	A & T	
	2025	ECTS Facility Engineer		10, 11, 12	4.00	A & T	
	21	ECTS Graphic Communications		10, 11, 12	4.00	A & T	
	2021	ECTS Graphic Communications		10, 11, 12	4.00	A & T	
	22	ECTS Health Asst		10, 11, 12	4.00	A & T	
	2022	ECTS Health Asst		10, 11, 12	4.00	A & T	

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	30	ECTS Hospitality Mgt.		10, 11, 12	4.00	A & T	
	2030	ECTS Hospitality Mgt.		10, 11, 12	4.00	A & T	
	10	ECTS Metal Fab		10, 11, 12	4.00	A & T	
	2010	ECTS Metal Fab		10, 11, 12	4.00	A & T	
	2026	ECTS Plastics Tech		10, 11, 12	4.00	A & T	
	26	ECTS Plastics Technolo		10, 11, 12	4.00	A & T	
	31	ECTS Precision Machining		10, 11, 12	4.00	A & T	
	2031	ECTS Precision Machining		10, 11, 12	4.00	A & T	
	3	Education Academy		11, 12	0.50		
	704	Electronic Music		9, 10, 11, 12	0.50	A & T	
	635	Engineering Design I		9, 10, 11, 12	0.50	T	
	636	Engineering Design II	Pre-requisite	9, 10, 11, 12	0.50	T	
	549	European Cultural Studies		9, 10, 11, 12	0.50		
	812	Extreme Fitness	Pre-requisite		0.50		
	836	Fitness and Weight Training I		9, 10, 11, 12	0.50		
	500	French I 9		9, 10, 11, 12	1.00		
	501	French II 10	Pre-requisite	9, 10, 11, 12	1.00		
	502	French III 11	Pre-requisite	10, 11, 12	1.00		
	504	French V	Pre-requisite		0.50		
	693	Fun Food		9, 10, 11, 12	0.50	A	Lab fee
	321	Geometry	Pre-requisite		1.00		
	310	Geometry Acc	Pre-requisite		1.00		
	694	GM Cafe		9, 10, 11, 12	0.50		
	724	GM Jazz 9 and 10		9, 10, 11, 12	0.50	A	
	725	GM Jazz_Big Band		11, 12	0.50	A	
	759	Graph Design : Photoshop		9, 10, 11, 12	0.50	A & T	
	758	Graphic Design : Illustration		9, 10, 11, 12	0.50	A & T	
	757	Graphic Design II	Pre-requisite	10, 11, 12	0.50	A & T	
X	738	Guitar Ensemble		9, 10, 11, 12	0.50	A	
X	758_1	Hand Lettering and Illustration		9, 10, 11, 12	0.50	A	
	251	Heros and Villans: Social Justice		11, 12	0.50		
	723	History of Jazz		9, 10, 11, 12	0.50	A	
	732	History of Rock and Roll		9, 10, 11, 12	0.50	A	
	735	Holiday Choir 11 and 12		11 ,12	0.50	A	
	734	Holiday Choir 9 and 10		9, 10	0.50	A	
X	701_1	Holiday Symphonic Winds		11, 12	0.50	A	
	601	Home Maintenance		9, 10, 11, 12	0.50	A & T	
	624	Innovation and Invention		9, 10, 11, 12	0.50	A & T	
	610	Intro Metal Material		9, 10, 11, 12	0.50	A & T	Lab fee
	582	Intro to Accounting		9, 10, 11, 12	0.50	T	
	431	Intro to Chemistry	Pre-requisite		0.50		
	432	Intro to Physics	Pre-requisite		0.50		
	600	Intro to Wood		9, 10, 11, 12	0.50	A & T	Lab fee
	593	Introduction to Business		9, 10, 11, 12	0.50		

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	718	Jazz Improvisation I		9, 10, 11, 12	0.50	A	
	719	Jazz Improvisation II		10, 11, 12	0.50	A	
	692	Lancer Pantry	Pre-requisite	10, 11, 12	0.50	A	Lab Fee
	825	Lifetime Sports		9, 10, 11, 12	0.50		
	136	Literature and Film		9, 10, 11, 12	0.50	A & T	
	712	Madrigal Singers	Pre-requisite	9, 10, 11, 12	0.50	A	
	540	Mandarin I		9, 10, 11, 12	1.00		
	541	Mandarin II	Pre-requisite	9, 10, 11, 12	1.00		
	542	Mandarin III	Pre-requisite	10, 11, 12	1.00		
	700	Marching Band		9, 10, 11, 12	0.50	A	Additional band course required
	336	Math K'NEXtions		9, 10, 11, 12	0.50	T	
	163	Media Arts		9, 10, 11, 12	0.50	A & T	
	612	Metal Production Systems	Pre-requisite	10, 11, 12	0.50	A & T	Lab fee
	706	Music Theory I		10, 11, 12	0.50		
	161	Newspaper		9, 10, 11, 12	0.50	A & T	
	462	Nuclear Physics 12		11, 12	0.50		
	741	Painting	Pre-requisite	9, 10, 11, 12	0.50	A	
	745	Painting II	Pre-requisite	9, 10, 11, 12	0.50	A	
	720	Percussion Ensemble		9, 10, 11, 12	0.50	A	
	748	Phone Photography		9, 10, 11, 12	0.50	A & T	
	746	Photography I		10, 11, 12	0.50	A & T	
	747	Photography II	Pre-requisite	10, 11, 12	0.50	A & T	
	440	Physics Acc 12	Pre-requisite		1.00		
	433	Physics I	Pre-requisite		1.00		
	441	Physics II Acc 12	Pre-requisite		1.00		
	626	Power Technology		9, 10, 11, 12	0.50	T	
	332	Pre-Calculus 12	Pre-requisite		0.50		
	243	Psychology of Body and Mind		11, 12	0.50		
	244	Psychology of Devel and Wellness		11, 12	0.50		
	167	Public Speaking		9, 10, 11, 12	0.50		
	590	Retail Management		9, 10, 11, 12	0.50		
	628	Robotics/CAM		9, 10, 11, 12	0.50	T	
	180	SAT Prep		11, 12	0.50	T	
X	156	Senior Seminar		12	0.50		
	562	Social Media and Marketing		9, 10, 11, 12	0.50	A & T	
	240	Sociology		10, 11, 12	0.50		
	510	Spanish I 9		9, 10, 11, 12	1.00		
	511	Spanish II 10	Pre-requisite	9, 10, 11, 12	1.00		
	512	Spanish III 11	Pre-requisite	10, 11, 12	1.00		
	514	Spanish V	Pre-requisite	11, 12	0.50		
	710	Spring Concert Choir		9, 10, 11, 12	0.50	A	
X	701_2	Spring Symphonic Winds		11, 12	0.50	A	
	733	String Ensemble		9, 10, 11, 12	0.50	A	
	703	Student Conductor		10, 11, 12	0.50		

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	811	Team Sports		9, 10	0.50		
X	175	The Graphic Novel		9, 10, 11, 12	0.50		
	331	Trigonometry 12	Pre-requisite		0.50		
	714	Vocal Jazz Ensemble	Pre-requisite	10, 11, 12	0.50	A	
	711	Women's Ensemble	Pre-requisite	9, 10, 11, 12	0.50		
	613	Wood Production Systems	Pre-requisite	10, 11, 12	0.50	A & T	Lab fee
	721	Woodwind Ensemble		9, 10, 11, 12	0.50	A	
	216	WWII and the Greatest Generation	Pre-requisite	10, 11, 12	0.50		
	165	Yearbook		10, 11, 12	1.00	A & T	
	595	Youth and Finance		9, 10, 11, 12	0.50		