

Sanger HS Course Master									
		Course #	New Course # w/o GPA	Course	GR	Credit	GPA Level	Prerequisites	
ENGLISH		H01010		English 1	9	1	1		
		H0101P		English 1 Honors	9	1	2		
		H01020		English 2	10	1	1		
		H0102P		English 2 Honors	10	1	2		
		H01030		English 3	11	1	1		
		H0103A		English 3 AP	11	1	ADV		
		H0103D/HE3DCS		English 3 Dual Credit (Composition)	11	1	ADV	Pass TSI Reading & Writing; NCTC acceptance	
		H01040		English 4	12	1	1		
		H0104P		English 4 AP	12	1	ADV		
		H0104D/HE4DCS		English 4 Dual Credit (Literature)	12	1	ADV	Pass TSI Reading & Writing; NCTC acceptance; English 3 DC	
		H01051		Creative Writing	10-12	1			
		H01700/H01701		Reading Improvement 1-2	9-10	1			
		H11140		Professional Communications	9	0.5			
		H01075		Speech Dual Credit (online)	10-12	0.5		NCTC Core Complete; Pass TSI Reading	
MATHEMATICS				Yearbook 1-4	9-12	1		Embedded in Principles of Arts, Graphic Design	
		H02010		Algebra 1	9	1	1		
		H0201P		Algebra 1 Honors	9	1	2		
		H02030		Geometry	9-10	1	1	Algebra 1	
		H0203P		Geometry Honors	9-10	1	2	Algebra 1	
		H02065		Algebraic Reasoning	11-12	1	1	Geometry	
		H02020		Algebra 2	10-12	1	1	Geometry	
		H0202P		Algebra 2 Honors	10-12	1	2	Geometry	
		H02040		Precalculus	10-12	1	2	Algebra 2	
		H0204P		Precalculus Honors	10-12	1	2	Algebra 2	
		H0205D		Dual Credit College Algebra	11-12	1	ADV	TSI Math; NCTC acceptance (embedded in H PreCal - or online)	
		H0205D		Dual Credit Trigonometry	11-12	1	ADV	TSI Math; NCTC acceptance (embedded in H PreCal - or online)	
		H02060		AP Calculus AB	12	1	ADV	Precalculus	
		H11233		Business Statistics	12	1	1	Algebra 2	
		H0208A		AP Statistics	11-12	1	ADV	Algebra 2	
		H04039		Dual Credit Statistics	11-12	0.5	ADV	Algebra 2 (embedded in 2nd sem AP Stat)	
		H02013		Strategies in Math	9-10	0.5-1		EOC Tutorials	
	SCIENCE		H09096		Fundamentals of Computer Science	10-12	1		Algebra 1
			H03010		Biology	9	1	1	
		H0301P		Biology Honors	9	1	2		
		H03050		IPC (Integrated Physics & Chemistry)	10	1	1		
		H03030		Chemistry	10	1	1	Algebra I & Biology	
		H0303P		Chemistry Honors	10	1	2	Algebra I & Biology	
		H03040		Physics	11-12	1	1		
		H0304P		Physics Honors	11-12	1	2		
		H0301A		AP Biology	11-12	1	ADV	Offered every other year	
		H11340		Anatomy & Physiology (A&P)	11-12	1	1	Biology & 2nd science credit	
		H11710		Forensic Science	11-12	1	1	Biology; Chemistry	
		H11035		Advanced Animal Science	11-12	1	1	Bio; Chem/IPC; Geom; Livestock	
		H03020		Environmental Science	11-12	1	1		
		H0302A		AP Environmental Science	11-12	1	ADV	Offered every other year	

		H0301D		Dual Credit Biology (online)	12	1	ADV	NCTC Core Complete; Pass TSI Math
		H0302D		Dual Credit Environmental Science (online)	12	1	ADV	NCTC Core Complete; Pass TSI Math
		H04038		Dual Credit Anatomy and Physiology (online)	12	1	ADV	NCTC Core Complete; Pass TSI Math
SOCIAL STUDIES		H04010		World Geography	9	1	1	
		H0401P		World Geography Honors	9	1	2	
		H04030		World History	10	1	1	
		H0403A		World History Honors	10	1	2	
		H04020		US History	11	1	1	
		H0402A		AP US History	11	1	ADV	
		H0402D		US History Dual Credit	11	1	ADV	TSI Reading; NCTC acceptance
		H04040		Government	12	0.5	1	
		H0404A		AP Government	12	0.5	ADV	
		H0404D		Government Dual Credit	12	0.5	ADV	TSI Reading; NCTC acceptance
		H05000		Economics	12	0.5	1	
		H0500A		AP Economics	12	0.5	ADV	
		H0500D		Economics Dual Credit	12	0.5	ADV	TSI Reading; NCTC acceptance
		H0406A		AP Psychology	11-12	0.5		
		H04070		Abnormal Psychology	11-12	0.5		
	H04072		Texas Government Dual Credit	12	1		NCTC Core Complete; Pass TSI Reading	
	H0406D		Dual Credit Psychology	11-12	0.5		NCTC Core Complete; Pass TSI Reading	
	H0405D		Dual Credit Sociology	11-12	0.5		NCTC Core Complete; Pass TSI Reading	
OTHER LANGUAGES		H08010		French 1	9-12	1	1	
		H08020		French 2	10-12	1	1	French 1
		H08030		French 3	11-12	1	1	French 2
		H08110		Spanish 1	9-12	1	1	
		H08120		Spanish 2	9-12	1	1	Spanish 1
		H0812P		Spanish 2 Honors	9-12	1	2	Spanish 1
		H0813P		Spanish 3 Honors	10-12	1	2	Spanish 2
	H0814A		AP Spanish 4	11-12	1	ADV	Spanish 3	
FINE ARTS		H09011		Art I	9-12	1		
		H09010		Art 2	10-12	1		Art 1
		H09000		Art 3	12	1		Art 2
		H09019		AP Studio Art	12	1		Art 3, Teacher Approval
		H09020		Art Appreciation Dual Credit (online)	10	1		NCTC Core Complete; Pass TSI Reading
		H09071-4		Theater I-IV	9-12	1		
		H09081-4		Theater Tech I-III	9-12	1		
		H09091-3		Theater Production	9-12	1		by audition only
		H09026-9		Wind Ensemble Band I-IV	9-12	1		audition; UIL physical form
		H09021-4		Symphonic Band I-IV	9-12	1		audition; UIL physical form
		H09046-9		Jazz Ensemble	9-12	1		Director approval
		H09021-4/H09026-9		Dance: Color Guard I-IV	9-12	1		audition; UIL physical form
		H09051-4		Choir Tenor Bass I-IV	9-12	1		
		H09031-4		Choir JV Treble I-IV	9-12	1		
		H09036-9		Choir Varsity Treble I-IV	9-12	1		
	H09041-4		Concert Choir I-IV	9-12	1		Audition/Director Approval	
	H09067		Music Appreciation	9-12	1			
	H09065		Music Appreciation Dual Credit	10	1		NCTC Core Complete; Pass TSI Reading	
	H11070		Floral Design	9-12	1			

PE/ATHLETICS		Specific		Athletics I-IV	9-12	1		UIL physical form; tryouts/approval	
		H07090/50/60/70		PE	9-12	1			
		H07601		PE-Soccer	9-12	1			
		H07110/1/2/3		Cheer - PE (if not in Athletics)	9-12	0.5 - 1		tryouts	
		Symph/Wind		Band (fall only)	9-12	0.5		audition; UIL physical form	
		H13081		Learning Frameworks (online)	9	0.5		NCTC Core Complete; Pass TSI Reading	
		H13030		Indian Academy	9	0.5			
		H14050		Library Aide	12	n/a		seniors only; approval	
		H14070		Office Aide	12	n/a		seniors only; approval	
	H14192		Teachers Aide	12	n/a		seniors only; approval		
	H14991/3/5/8		Senior Off Period (1&2, 7&8, 1&8, 1, 8)	12	n/a		seniors only; passed all courses & EOCs		
	H14010/20		iHelp Aide	10-12	n/a		iTeam application		
CAREER & TECH ED ENDORSEMENTS/PLANS OF STUDY									
ARTS & HUMANITIES	Social Studies			Social Studies (five credits)					
	Fine Arts			Art (four credits)					
				Band (four credits)					
				Choir (four credits)					
				Theater (four credits)					
				Combination (using two of the four)					
World Language			Combo (2 years each in Spanish or French)						
Ag. Food & Natural Resources	Applied Agricultural Engineering	H11000		Principles of Agriculture	8-12	1			
		H11081		Ag Mechanics & Metal Technologies	9-12	1		Principles of Ag	
		H11084		Ag Structures Design & Fabrication	10-12	1		Ag Mechanics & Metal	
		H11082		Ag Equipment Design & Fabrication	11-12	2		Ag Structures D&F	
		H11072		Practicum in Agriculture	12	2		Ag Structures, Ag Equipment, Vet Med, Adv Floral Design	
	Animal Science	H11000		Principles of Agriculture	8-12	1			
		H1101S		Livestock Production	9-12	1		Principles of Ag	
		H1102S		Small Animal Management	9-12	0.5		Livestock Production	
		H1103S		Equine Science	9-12	0.5		Livestock Production	
		H11036		Veterinary Medical Applications	11-12	1		Livestock Production or Small Animal Management/Equ Science	
		H11035		Advanced Animal Science	12	1		Livestock Production, Biology, Chemistry, Algebra 1 and Geometry	
	Plant Science	H11072		Practicum in Agriculture	12	2		Ag Structures, Ag Equipment, Vet Med, Adv Floral Design	
		H11000		Principles of Agriculture	8-12	1			
		H11070		Floral Design	9-12	1		Principles of Ag	
		H11073		Adv. Floral Design	10-12	1		Floral Design	
	Architecture and Construction	Architecture and Design	H11086		Architectural Design 1	11-12	2		LaGrone Academy (Denton)
			H11087		Architectural Design 2	12	2		LaGrone Academy (Denton)
		HVAC	H11000		Principles of Agriculture	8-12	1		
			H11081		Ag Mechanics & Metal Technologies	9-12	1		
			H12010		HVAC & Refrig Technology Dual Credit	11-12	1		Ag Mech, NCTC acceptance
			H12011		Electrical Technician I Dual Credit	11-12	1		Ag Mech, NCTC acceptance
H12012				HVAC & Refrig Technology II Dual Credit	12	2		HVAC&RTDC, NCTC acceptance (summer)	
H12014				Electrical Technician 2 Dual Credit	12	2		ElecTech I, NCTC acceptance	
H0218D			Applied Math for Technical Professions	12	1		Algebra 1, Geometry, NCTC acceptance		
Digital Communications		H11110		Principles of Arts, A/V Technology & Comm	9-12	1			
	H11133		Audio/Visual Production I	10-12	2		Principles of Arts, A/V Technology & Comm		
	H11131		Audio/Visual Production II & Lab	11-12	2		A/V Production 1		

BUSINESS AND INDUSTRY

Arts, AV Technology

		H11132		Practicum of Audio/Visual Production	12	2		A/V Production 2
	Graphic Design and MultiMedia	H11110		Principles of Arts, A/V Technology & Comm	9-12	1		
				Digital Design and Multimedia	8-12	1		
		H11137		Graphic Design & Illustration I and Lab	10-12	2		Principles of Arts, A/V Technology & Comm
		H11134		Graphic Design & Illustration II and Lab	11-12	2		Graphic Design 1
		H1113T		Practicum of Graphic Design and Illustration	12	2		Graphic Design 2
		H11139		Commercial Photography I and Lab	11-12	2		LaGrone Academy (Denton)
		H1113A		Commercial Photography II and Lab	12	2		LaGrone Academy (Denton)
		H11115		Animation I and Lab	11-12	2		LaGrone Academy (Denton)
	H1111T		Animation II and Lab	12	2		LaGrone Academy (Denton)	
	Fashion Design	H11160		Fashion Design 1	10-12	1		
		H11161		Fashion Design 2	11-12	1		Fashion Design 1
Business, Marketing and Finance	Business Management	H11200		Principles of Business	8-12	1		
		H11202		Business Information Management (BIM) 1	9-12	1		
		H11203		Business Information Management (BIM) 2	10-12	1		Business Information Management (BIM) 1
		H11204		Business Management	11-12	1		
		H11901/H11900		Career Preparation	12	2/3		
Information Technology	Networking Systems	H1161T		Computer Maintenance and Lab	11-12	2		LaGrone Academy (Denton)
		H1165T/H1166T		Cisco Internetworking Technologies I & II	11-12	2		LaGrone Academy (Denton)
		H1167T		Practicum in Internetworking Technolgy	12	2		LaGrone Academy (Denton)
Transportation, Distribution & Logistics	Automotive	H11000		Principles of Agriculture	8-12	1		
		H11081		Ag Mechanics & Metal Technologies	9-12	1		Principles of Ag
		H1190T		Automotive Technology I: Maintenance and Light	11-12	2		LaGrone Academy (Denton)
		H11904		Automotive Technology II: Automotive Service	12	2		LaGrone Academy (Denton)
Manufacturing	Manufacturing and Machiing	H11095		Principles of Applied Engineering	9-12	1		
		H11104		Engineering Design and Presentation	10-12	1		Principles of Applied Engineering
		H11105		Robotics 1	11-12	1		Engineering Design and Presentation
		H11109		Robotics 2	11-12	1		Robotics 1
		H11103		Practicum in Manufacturing	12	2		Robotics 1 and 2
	Welding	H11000		Principles of Agriculture	8-12	1		
		H11081		Ag Mechanics & Metal Technologies	9-12	1		Principles of Ag
		H11076		Welding 1	11-12	2		LaGrone Academy (Denton)
		H11077		Welding 2	12	2		LaGrone Academy (Denton)
		H1107D		Introduction to Welding Dual Credit	11-12	1		NCTC acceptance
		H1106D/sem		Welding I Dual Credit	11-12	2		Intro Welding DC, NCTC acceptance
		H1105D/H1104D		Welding II Dual Credit	12	3		Welding I DC; NCTC acceptance
	Manufacturing Technology	H11000		Principles of Agriculture	8-12	1		
		H11081		Ag Mechanics & Metal Technologies	9-12	1		Principles of Ag
H1108D			Precision Metal Manu Dual Credit	11-12	2		Ag Mech, NCTC acceptance	
H1109D			Precision Metal Manu II & Lab Dual Credit	12	3		PMM DC, NCTC acceptance	
Hospitality and Tourism	Culinary Arts	H11422		Principles of Human Services	9-12	1		Not in Program of Study
		H11419		Introduction to Culinary Arts	10-12	1		
		H11420		Culinary Arts	11-12	2		Introduction to Culinary Arts
		H11423		Advanced Culinary Arts	12	2		Culinary Arts
Education & Training	Teaching and Training	H11422		Principles of Human Services	9-12	1		
		H11540		Human Growth and Development	10-12	1		Principles of Human Services
		H11550		Instructional Practices (PALS I)	11-12	2		Human Growth & Dev
		H11555		Practicum in Education and Training (PALS II)	12	2		Fam&Comm Services (PALS I)

PUBLIC SERVICE	Health Science Technology	Healthcare Therapeutic	H11321	Principles of Health Science	9-12	1			
			H11310	Medical Terminology	10-12	1			
			H11320	Health Science Theory & Clinical	11-12	2		Prin. of Health Science	
			H11340	Anatomy & Physiology (A&P)	12	1	1	Biology & 2nd science credit	
			H11330	Practicum in Health Science (CNA)	12	2		Health Sci Theo & Clinical	
		Principles of Exercise and Wellness	H11321	Principles of Health Science	9-12	1			
			H11310	Medical Terminology	9-12	1			
			H11427	Principles of Exercise Science and Wellness	9-11	1		replacing Sports Med 1	
			H11428	Kinesiology I	10-11	1		Princ of ES&W; replacing Sports Med 2	
			H11431	Kinesiology II	11-12	1		Kinesiology I; replacing Sports Med 3 (Also in PBR, Athletic Tr)	
			H11340	Anatomy & Physiology (A&P)	12	1	1	Biology & 2nd science credit	
			Project Based Research	11-12	1		Same time as Kinesiology II; replacing Athletic Trainer		
		Law & Public Safety	Emergency Services	H11750	Firefighting I Dual Credit	11-12	2		LaGrone Academy (Denton)/NCTC Acceptance
				H11751	Firefighting II Dual Credit	12	2		LaGrone Academy (Denton)/NCTC Acceptance
	H1185T			Emergency Medical Technician (EMT)	12	2		LaGrone Academy (Denton)/NCTC Acceptance	
	H11340			Anatomy & Physiology (A&P)	12	1	1	Biology & 2nd science credit	
	H1173T			Practicum of Law (Corrections&Safety)	12	2		LaGrone Academy (Denton)	
	Law Enforcement		H11701	Law Enforcemnt 1	11-12	1		LaGrone Academy (Denton)	
			H11702	Law Enforcemnt 2	11-12	1		LaGrone Academy (Denton)	
			H11721	Criminal Investigation	11-12	1		LaGrone Academy (Denton)	
			H1171T	Forensic Science	11-12	1	1	LaGrone Academy (Denton)	
			H1173T	Practicum in Law and Public Safety	12	2		LaGrone Academy (Denton)	
			H11700	Princ of Law & Correctional Prac Dual Credit	11-12	2		NCTC acceptance	
			H1172D	Correctional Practices Dual Credit	11-12	2		NCTC acceptance	
			H1171D	Criminal Investigation Dual Credit	11-12	2		NCTC acceptance	
	H1170D		Court Systems Dual Credit	12	2		NCTC acceptance		
	Legal Studies	H1173T/H11731	Prac in Law & Public Safety (Court Systems)	11-12	2		LaGrone Academy (Denton)		
		H11732	PreLaw Practicum	12	2		LaGrone Academy (Denton)		
Cosmetology	Cosmetology	H11422	Principles of Human Services	9-12	1		Not in program of study		
		H11618	Introduction to Cosmetology	11	1		NCTC acceptance		
		H11624	Nail Care and Enhancements	11	2		NCTC acceptance		
		H11617	Cosmetology I Dual Credit	11	3		NCTC acceptance		
		H11615	Principles of Cosmetology Dual Credit	12	1		NCTC acceptance		
		H11625	Esthetics	12	2		NCTC acceptance		
		H11616	Cosmetology II Dual Credit	12	3		NCTC acceptance		
STEM	Science, Technology, Engineering and Math	Engineering	H11095/H1109T	Principles of Applied Engineering	9-12	1			
			H1184T	Intro Engineering Design	11-12	1		LaGrone Academy (Denton)	
			H1180T	Engineering Science	11-12	1	1	LaGrone Academy (Denton)	
			ROBOT1	Robotics	11-12	1		LaGrone Academy (Denton)	
	H1186T	Practicum of STEM	12	2		LaGrone Academy (Denton)			
Mathematics			Mathematics (Physics, Alg 2, plus 2 additional)						
Science			Science (Alg 2, Chem & Phys, plus 2 additional)						
Multidisciplinary									
Four credits in each of the Four Foundation Areas/ Four Advanced Level CTE Courses									