THE Guthrie CENTER
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COURSE SELECTION SHEET   2019-2020

After you check the course you want, give this GC selection sheet to your counselor.

BUSINESS AND INDUSTRY ENDORSEMENT OR MULTIDISCIPLINARY ENDORSEMENT

Ag. Food & Natural Resources Cluster

	Agricultural Science	Grade	SBISD Course Codes	Sem/Yr	Credits	Comments
	Advanced Animal Science (State Approved for 3rd Science Credit with required Science prerequisites.)	11-12	CTAG15	Sem.	1	**Required Elective Prereqs.:** Minimum C average in Small An. Mgmt./Equine Science OR Livestock Production **Required Academic Prereqs.:** Algebra 1 & Geometry; Biology & Chemistry **or** Biology & IPC
	Advanced Plant and Soil Science (State Approved for 3rd Science Credit with required Science prerequisites.)	11-12	CTAG29	Sem.	1	**Required Elective Prereq.:** Minimum C average in Horticulture Science. **Recommended Academic Prereqs.:** Biology and IPC, Chemistry,or Physics.
	Agricultural Mechanics	10-12	CTAG30	Sem.	1	
	Agriculture Practicum	11-12	CAG82A & CAG82B	Yr.	2	
	Small Animal Management **and**	10-12	CTAG 12 **and**	Sem.	0.5	**Recommended Prereq:** Principles of AFNR.
	Equine Science		CTAG13 taken concurrently		0.5	**Recommended Prereq:** Principles of ANFR.
	Floral Design (State Approved as Fine Arts Credit)	9-12	CTAG26	Sem.	1	**Recommended Prereq:** Principles of AFNR
	Horticultural Science	10-12	CTAG28	Sem.	1	**Recommended Prereq:** Principles of AFNR
	Landscape Design & Mgmt. **and**	10-12	CTAG25 **and**	Sem.	0.5	
	Turf Grass Mgmt.		CTAG27 taken concurrently	Sem.	0.5	
	Livestock Production	10-12	CTAG11	Sem.	1	**Recommended Prereq:** Principles of AFNR
	Oil & Gas Production 1 **and**	10-12	CTAG50 **(FALL)** &	Sem.	1	**Oil & Gas 1 and 2 are taken consecutively in one school year.**
	Oil & Gas Production 2		CTAG51 **(SPRING)**	Sem.	1	
	Principles of Ag., Food & Nat. Res.	9-12	CTAG10	Sem.	1	
	Veterinary Medical Applications	11-12	CTAG14	Sem.	1	**Prerequisite:** Minimum C average in Livestock Production or Small An. Mgmt./Equine Science.
	Wildlife,Fisheries & Ecology Mgmt.	9-12	CTAG23	Sem.	1	**Recommended Prereq:** Principles of AFNR.

Architecture and Construction Cluster

	Architectural Design	Grade	SBISD Course Codes	Sem/Yr	Credits	Comments
	Principles of Architecture **and**	10-12	*CTAC12 **and** CTAC13 are taken in the same school yr.	Yr.	1	**Prerequisite:**Successful completion of/or concurrently enrolled in Geometry.
	Architectural Design 1				1	CTAC13 (Fall Semester) & CTAC12 (Spring Semester)
	Architectural Design 2	11-12	CAC22A & CAC22B	Yr.	2	**Prerequisite:** Minumum C average in Principles of Arch./Architectural Design 1
	Practicum Architectural Design	12	CAC82A & CAC82B	Yr.	2	**Prerequisite:** Minimum C average in Architectural Design 2
	TRIO Electrician Apprenticeship Program* Math for Technical Professionals (TRIO) **and** Electrical Tech 1 TRIO) *Math is state approved for a 3rd math credit with the required prereqs.	11	CTPM60 (Fall) **and** CTAC35 (Spring) are taken in the same school yr.	Fall Sem.	1	**CTPM 60 Required Prerequisite**: Algebra 1 **Prerequisite**: One class from the Architecture & Construction Cluster **CTAC35 Electrical Tech 1 Recommended Prereq.**: Jack of All Trades (Principles of Construction) **or** Ag. Mechanics
				Spr. Sem.	1	
	Electrical Tech 2 (TRIO)	12	CAC45A & CAC45B	Yr.	2	**Prerequisite:** Minimum C ave. in Elect.Tech 1 and Math for Technical Professionals

Arts, A/V Communications and Technology Cluster

	3D Animation	Grade	SBISD Course Codes	Sem/Yr	Credits	Comments
	3D Animation 1-Game Art w Lab	9-12	CAV11A & CAV11B	Yr.	2	
	3D Animation 2-Game Art w Lab	10-12	CAV21A & CAV21B	Yr.	2	**Prerequisite:** Minimum C average in 3D Animation 1- Game Art w Lab
	Practicum in 3D Animation 3- Game Dev.	11-12	CAV83A & CAV83B	Yr.	2	**Prerequisite.:Successful Completion of** 3D Anim. 2- Game Art w Lab
	Practicum 2 in 3D Animation 4-Game Development	12	CAV93A & CAV93B	Yr.	2	**Prerequisite:** Successful Completion of Practicum in 3D Animation 3- Game Development

	Commercial Photography	Grade	SBISD Course Codes	Sem/Yr	Credits	Comments
	Commercial Photography 1 w Lab	9-12	CAV14A & CAV14B	Yr.	2	
	Commercial Photography 2 w Lab	10-12	CAV24A & CAV24B	Yr.	2	**Prerequisite**: Minimum C average in Commercial Photography 1 w Lab
	Practicum in Commercial Photography	11-12	CAV87A & CAV87B	Yr.	2	**Prerequisite:** Minimum C average in Commercial Photography 2 w Lab

	Film & Video Production	Grade	SBISD Course Codes	Sem/Yr	Credits	Comments
	Film & Video Production 1 w Lab	9-12	CAV12A & CAV12B	Yr.	2	
	Film & Video Production 2 w Lab	10-12	CAV22A & CAV22B	Yr.	2	**Prerequisite:**Minimum C ave.in Film & Video Prod.1 w Lab
	Practicum in Film & Video Production	11-12	CAV82A & CAV82B	Yr.	2	**Prerequisite:**Minimum C ave.in Film & Video Prod. 2 w Lab

Don't stop now… flip the page over for more awesome Guthrie Center courses!

Arts, A/V Communications and Technology Cluster, *Continued*					
Graphic Design	**Grade**	**SBISD Course Codes**	**Sem/Yr**	**Credits**	**Comments**
Graphic Design 1 w Lab	**10-12**	CAV13A & CAV13B	Yr.	2	
Graphic Design 2 w Lab	**11-12**	CAV23A & CAV23B	Yr.	2	**Prerequisite:** Minimum C average in Gr. Design 1 w Lab
Practicum in Graphic Design	**12**	CAV85A & CAV85B	Yr.	2	**Prerequisite:** Minimum C average in Gr. Design 2 w Lab
Hospitality and Tourism Cluster					
Culinary Arts	**Grade**	**SBISD Course Codes**	**Sem/Yr**	**Credits**	**Comments**
Culinary Arts 1	**9-11**	CHT14A & CHT14B	Yr.	2	
Culinary Arts 2	**10-12**	CHT24A & CHT24B	Yr.	2	**Prerequisite:** Minimum C average in Culinary Arts 1
Practicum in Café Operations	**11-12**	CHT94A & CHT94B	Yr.	2	**Prerequisite.:** Minimum C average in Culinary Arts 2
Practicum in Chef Training	**11-12**	CHT84A & CHT84B	Yr.	2	**Prerequisite:** Minimum C Average in Culinary Arts 2
Hotel Management	**Grade**	**SBISD Course Codes**	**Sem/Yr**	**Credits**	**Comments**
Practicum in Hotel 1: Hotel Mgmt. **and** Hospitality Services 1	**10-12**	CHT11A&B and CHT85A&B taken concurrently	Yr.	3	**3 periods-** AOC,MHS,NHS,SW; **4 pers.**Double blocked- SHS, WAIS. Class is held at the OMNI Hotel. Transportation provided.
Hotel 2: Travel & Tourism **and** Practicum in Hospitality Services 2	**11-12**	CHT13A&B and CHT95A&B taken concurrently	Yr.	3	**3 periods-** AOC,MHS,NHS,SW; **4 pers.**Double blocked- SHS, WAIS. **Prerequisite:** Minimum C average: Hotel Mgmt. 1. Class is held at the OMNI Hotel. Transportation provided.
Information and Technology Cluster					
Computer Technology	**Grade**	**SBISD Course Codes**	**Sem/Yr**	**Credits**	**Comments**
Computer Maintenance w Lab	**10-12**	CIT11A & CIT11B	Yr.	2	Technical Certification: CompTIA A+
Networking 1 w Lab	**10-12**	CIT12A & CIT12B	Yr.	2	Tech.Cert.::CCENT(CISCO Certified Entry Networking Tech.)
Practicum in Information Tech (Net. 2)	**11-12**	CIT82A & CIT82B	Yr.	2	TechCert:CCNA **Prereq.:**Min C ave in Net.1 w Lab:
Computer Technician-Practicum	**11-12**	CIT81A & CIT81B	Yr.	2	**Prerequisite**.: Successful completion of Comp. Maint.w Lab
*Computer Programming 1 **and**	**10-12**	*CTIT13 **and**	Fall Sem.	1	Taken in the same school yr w CTIT16 Comp.Prog.2
*Computer Programming 2		*CTIT16 taken consecutively	Spr.Sem.	1	Taken in the same school yr w CTIT13 Comp.Prog.1
*Geographic Inf. Systems (GIS) and	**10-12**	CTIT54 **and**	Sem.	1	Taken in the same school yr w CTIT55 RasterBased GIS
*Raster Based Geo.Info.Systems (GIS)		CTIT55 Taken consecutively	Sem.	1	Taken in the same school yr w CTIT54 GIS
PUBLIC SERVICE ENDORSEMENT OR MULTIDISCIPLINARY ENDORSEMENT					
Health Science Cluster					
Health Science Theory/ no Clinical **and** Pharmacology	**11-12**	CTHS12 **and**	Fall Sem.	1	**Tech. Certifications available:** Red Cross First Aid/CPR/AED **Prerequisites:**Minimum C average in Principles of Health Science & Biology and Chemistry
		CTHS22 taken consequently in the same school yr.	Spring Sem.	1	
Practicum in Pharmacy Technician	**12**	CHS92A & CHS92B	Yr.	2	**Tech.Certs Available**:Pharm.Tech PTCE & Natl.Sterile Products (IV) **Prereqs:** Biology AND either Health Science Theory-no Clinical w Pharmacology OR Health Sci Theory w Clinical
Human Services Cluster					
*Cosmetology 1 w Lab	**11**	CHU19A & CHU19B	Yr.	3	**Cos.1 & Cos.2:** **3 periods-** AOC,MHS,NHS,SW, YP; **4 periods-** Double blocked- SHS, WAIS
*Cosmetology 2 w Lab	**12**	CHU29A & CHU29B	Yr	3	**Prerequisite:** Successful completion of Cosmetology 1 including 4 required modules that convert to 500 clock hours.
Law, Public Safety and Security Cluster					
Criminal Justice	**Grade**	**SBISD Course Codes**	**Sem/Yr**	**Credits**	**Comments**
Law Enforcement 1 **and**	**10-12**	CTLW11 **and**	Fall Sem.	1	Law Enforcement 1 taken sequentially w CTLW 12 Court Systems.
Court Systems & Practices	**10-12**	CTLW12 must be taken in the same school year.	Spring Sem.	1	Court Systems is taken sequentially with CTLW11 Law Enforcement 1
Law Enforcement 2 **and**	**11-12**	CTLW21 **and**	Fall Sem.	1	**Prerequisites:** Successful Completion of Law Enf. 1/ Court Systems
Criminal Investigation	**11-12**	CTLW22 taken sequentially in the same school year.	Spring Sem.	1	CTLW22 Criminal Investigation must be a co-requisite of CTLW21 Law Enforcement 2
Forensic Science at Guthrie (State Approved 3rd Science Credit w required Science prerequisites.)	**11-12**	CTLW50	Sem.	1	May be taken concurrently with Law Enforcement 2. **Recommended Prerequisites:** Successful completion of Law Enf. 1/Court Systems **Required Science Prereqs:** Biology and Chemistry
Naval Junior Reserve Officer Training Corps					
NJROTC 1 **and** PE	**9-12**	NS102A & N102B & HP134A &HP134B taken concurrently	Yr.	2	Credits include 1 NJROTC elective credit & 1 PE credit for graduation.
NJROTC 2 **and** Student Leadership	**10-12**	NS202A & 202B & ADNS2A & ADNS2B taken concurrently	Yr.	2	**Required Prereq:** Successful completion of NJROTC 1. Credits include for 1 NJROTC & 1 for Student Leadership
NJROTC 3	**11-12**	NS302A & NS302B	Yr.	2	**Required Prereq.:** Successful completion of NJROTC 2.
NJROTC 4	**12**	NS402A & NS402B	Yr.	2	**Required Prereq.:** Successful completion of NJROTC 3.
Internships / Career Prep					
Internships/Career Prep 1	**11-12**	CPG81C&D	Yr.	3	Teacher Interview required.
Internships/Career Prep 2	**12**	CPG91C&D	Yr.	3	**Required Prereq.:** Successful completion of Internships 1.
GC Internship Off Campus 1 per.	**11-12**	ADCG1A and ADCG1B	Yr.	1	**1 period Off Campus option** w GC Internship for AOC, MHS, NHS, SWHS, YP
GC Internship Off Campus 2+ pers.	**11-12**	ADCG2A and ADCG2B	Yr.	2	**2+ periods Off Campus** w GC Internship for all HS Campuses