



2024 - 2025

PROGRAMS OF STUDY

Career & Technical Education
CLEBURNE INDEPENDENT SCHOOL DISTRICT



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AGRICULTURE, FOOD, AND NATURAL RESOURCES

Agriculture Technology & Mechanical Systems				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AG1002	Principles of Agriculture, Food, & Natural Resources	9-10	1.0
2	AGE202	Ag Mechanics and Metal Technologies	10-12	1.0
3	AGE302	Ag Structures Design and Fabrication	11-12	1.0
4	AGE402	Ag Equipment Design and Fabrication / Lab*	11-12	2.0
4	AGW314	Practicum in Agriculture, Food, & Natural Resources - Welding I^ Fall	11-12	1.5
4	AGW324	Practicum in Agriculture, Food, & Natural Resources - Welding I^ Spring	11-12	1.5
4	AGW414	Practicum in Agriculture, Food, & Natural Resources - Welding II^ Fall	12	1.5
4	AGW424	Practicum in Agriculture, Food, & Natural Resources - Welding II^ Spring	12	1.5
*IBC: AWS D1.1 STRUCTURAL STEEL, AWS D9.1 SHEET METAL WELDING <i>Welding I and Welding II courses are taught in conjunction with Hill College in Cleburne and include fees paid by the student.</i> DUAL CREDIT COURSES = HILL COLLEGE CERTIFICATE				
Animal Science				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AG1002	Principles of Agriculture, Food, & Natural Resources	9-10	1.0
3	AGA202	Livestock Production	10-12	1.0
4	AGA302	Veterinary Medical Applications*	11-12	1.0
4	SC4602	Advanced Animal Science*^	11-12	1.0
*IBC: ELANCO VETERINARY MEDICAL APPLICATIONS				
Plant Science				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AG1002	Principles of Agriculture, Food, & Natural Resources	9-10	1.0
2	AGP202	Greenhouse Operation & Production	10-12	1.0
3	AGP302	Horticultural Science	10-12	1.0
3	FF1402	Floral Design*	10-12	1.0
*IBC: TX STATE FLORIST'S ASSOCIATION KNOWLEDGE BASED FLORAL CERTIFICATION & LEVEL I				

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ARCHITECTURE AND CONSTRUCTION

^Offered as dual credit | *Course aligned with IBC | **Fulfills graduation requirements**



CLEBURNE ISD | Career & Technical Education

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Architectural Drafting & Design				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AR1002	Principles of Architecture (Recommended)	9-10	1.0
1	CN1005	Principles of Construction	9-10	1.0
2	AR2002	Architectural Design I	10-12	1.0
3	AR3002	Architectural Design II*	11-12	2.0
4	AR4002	Practicum in Architectural Design	12	2.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: AUTODESK CERTIFIED USER - AUTOCAD				
Carpentry				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	CN1002	Principles of Construction (Recommended)	9-10	1.0
1	AR1002	Principles of Architecture	9-10	1.0
2	CN2002	Construction Technology I*	10-12	2.0
3	CN3002	Construction Technology II	11-12	2.0
4	CN4002	Practicum in Construction Technology	12	2.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: NCCER CORE				
HVAC & Sheet Metal				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	CN1002	Principles of Construction (Recommended)	9-10	1.0
1	AR1002	Principles of Architecture	9-10	1.0
2	CN2002	Construction Technology I* (recommended, not in program of study)	10-12	2.0
3	HV3012	HVAC and Refrigeration Technology I [^] Fall (take concurrently with AR4102)	11-12	0.5
3	HV3022	HVAC and Refrigeration Technology I [^] Spring (take concurrently with AR4102)	11-12	0.5
4	HV4012	HVAC and Refrigeration Technology II [^] Fall	12	1.0
4	HV4022	HVAC and Refrigeration Technology II [^] Spring	12	1.0
4	AR4102	Practicum in Construction Technology [^] (take concurrently with HV3012 & HV3022)	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: NCCER CORE				
<i>The HVAC & Refrigeration Technologies courses are taught in conjunction with Hill College in Cleburne and include fees paid by the student.</i>				
HILL COLLEGE CERTIFICATE				

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ARTS, AUDIO/VISUAL TECHNOLOGY, AND COMMUNICATION

^Offered as dual credit | *Course aligned with IBC | Fulfills graduation requirements

LIVE DOCUMENT LINK: bit.ly/CISDCTE2425



CLEBURNE ISD | Career & Technical Education

2024-2025

Digital Communications				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AV1002	Principles of Arts, AV Technology, & Communications	9-10	1.0
2	AVP202	Audio/Video Production I	10-12	1.0
3	AVP302	Audio/Video Production II*	11-12	1.0
4	AVP402	Practicum of Audio/Video Production	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0

***IBC: ADOBE CERTIFIED PROFESSIONAL - PREMIERE PRO and/or ADOBE CERTIFIED PROFESSIONAL - PHOTOSHOP**

Graphic Design and Interactive Media				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AV1002	Principles of Arts, AV Technology, & Communications	9-10	1.0
2	AVG202	Graphic Design and Illustration I	10-12	1.0
2	AVG302	Animation I	10-12	1.0
3	AVG402	Animation II*	11-12	1.0
4	CP3102	Career Preparation I	11-12	3.0

***IBC: ADOBE CERTIFIED PROFESSIONAL - PREMIERE PRO and/or ADOBE CERTIFIED PROFESSIONAL - PHOTOSHOP**

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BUSINESS, MARKETING, AND FINANCE

Accounting & Financial Services				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	BU1002	Principles of Business, Marketing, & Finance	9-10	1.0
1	BU1102	Business Information Management I	10-12	1.0
2	BUA303	Accounting I	10-12	1.0
3	BUA403	Accounting II*	11-12	1.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: INTUIT QUICKBOOKS CERTIFIED USER				
Business Management				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	BU1002	Principles of Business, Marketing, & Finance	9-10	1.0
1	BU1102	Business Information Management I	10-12	1.0
2	BUB202	Business Information Management II*	10-12	1.0
3	BUB302	Business Management*	10-12	1.0
4	MA6002	Statistics & Business Decision Making	11-12	1.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: MICROSOFT OFFICE EXPERT - WORD / EXCEL				
Entrepreneurship				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	BU1002	Principles of Business, Marketing, & Finance	9-10	1.0
1	BU1102	Business Information Management I	10-12	1.0
2	BUE202	Entrepreneurship I*	10-12	1.0
3	BUE302	Entrepreneurship II (Offered 25-26)	11-12	1.0
4	BUE402	Practicum In Entrepreneurship (Offered 26-27)	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: ENTREPRENEURSHIP & SMALL BUSINESS				
Marketing & Sales				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	BU1002	Principles of Business, Marketing, & Finance	9-10	1.0
2	BUM212	Sports & Entertainment Marketing	10-11	0.5
2	BUM222	Virtual Business	10-11	0.5
3	BUM312	Social Media Marketing*	10-12	0.5
3	BUM302	Retail Management	10-12	1.0
4	MA6002	Statistics & Business Decision Making	11-12	3.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: STUKENT SOCIAL MEDIA MARKETING CERTIFICATION				

^Offered as dual credit | *Course aligned with IBC | Fulfills graduation requirements



EDUCATION AND TRAINING

Teaching & Training				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	ED1002	Principles of Education & Training	9-10	1.0
2	ED2002	Communication & Technology in Education (Recommended)	10-12	1.0
2	HU2002	Human Growth & Development	10-12	1.0
3	ED3002	Instructional Practices^	11-12	2.0
4	ED4002	Practicum in Education & Training *^	12	2.0
4	ED5002	Practicum in Education & Training *^	12	3.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: EDUCATIONAL AIDE LEVEL 1				

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ENGINEERING

Engineering Foundations				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	EN1002	Principles of Applied Engineering	9-10	1.0
3	EN2002	Engineering Design & Presentation I	10-12	1.0
4	SC4902	Engineering Design & Problem Solving	11-12	1.0
4	EN3002	Engineering Design & Presentation II*	11-12	2.0
*IBC: ENGINEERING TECHNOLOGY FOUNDATIONS				

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HEALTH SCIENCE

Diagnostic & Therapeutic Services				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	HE1002	Principles of Health Science	9-10	1.0
2	HE2002	Medical Terminology	10-11	1.0
3	SC4003	Anatomy & Physiology [^] (Recommended)	10-12	1.0
3	HE2102	Health Science Theory	10-12	1.0
3	HE3002	Health Science Theory/Health Science Clinical* (EKG Technician)	10-12	2.0
4	HEP302	Pharmacology	11-12	1.0
4	HEC402	Certified Nurse Aide*	12	2.0
4	HEP402	Pharmacy Technician*	12	2.0
4	HED402	Registered Dental Assistant*	12	2.0

***IBC: PATIENT CARE TECHNICIAN, PHARMACY TECHNICIAN, OR REGISTERED DENTAL ASSISTANT, EKG TECHNICIAN**

Recommended Sequence of Courses for Practicum of Health Science Pathways

Experience	9 th	10 th	11 th	12 th
Certified Nurse Aide/ Patient Care Technician	HE1002 Principles of Health Science	HE2002 Medical Terminology	HE2102 HS Theory Or HE3002 Clinical Rotations	HEC402 Certified Nurse Aide/ Patient Care Technician*
Pharmacy Technician	HE1002 Principles of Health Science	HE2002 Medical Terminology	HE2102 HS Theory And HEP302 Pharmacology	HEP402 Pharmacy Technician*
Registered Dental Assistant	HE1002 Principles of Health Science	HE2002 Medical Terminology	HE2102 HS Theory Or HE3002 Clinical Rotations	HED402 Registered Dental Assistant*
Non Practicum Experience	HE1002 Principles of Health Science	HE2002 Medical Terminology	HE3002 Clinical Rotations	

- There are limited seats available in the senior level courses. Priority is given to students that are on track to be a Diagnostic & Therapeutic program completer or have earned 4 or more credits in health science.
- A completed Health Science Interest Form required. Students need to speak to their Health Science instructor for more information.
- *Health Science Theory or Clinical Rotations required for enrollment in Level 4 courses..
- *Pharmacology required for Pharmacy Technician

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HOSPITALITY AND TOURISM

Culinary Arts				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	HO1002	Introduction to Culinary Arts	9-10	1.0
2	HO2002	Culinary Arts I* (Meat Selection & Cookery Cert.)	10-12	2.0
3	HO3002	Advanced Culinary Arts* (ServSafe Food Manager)	10-12	2.0
4	SC4802	Food Science* (Food Safety & Science Cert.)	11-12	1.0
4	HO4002	Practicum/Extended Practicum in Culinary Arts I	11-12	3.0
4	HO5002	Practicum/Extended Practicum in Culinary Arts II	11-12	3.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: CULINARY MEAT SELECTION & COOKERY CERTIFICATION, FOOD SAFETY & SCIENCE CERTIFICATION, AND/OR SERVSAFE MANAGER				

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HUMAN SERVICES

Cosmetology				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	BU1002	Principles of Business, Marketing, & Finance (recommended, not in program of study)	9	1.0
2	BUE202	Entrepreneurship I (recommended, not in program of study)	10	1.0
3	CO3014	Intro to Cosmetology^ Fall (take concurrently with CO3114)	11-12	0.5
3	CO3024	Intro to Cosmetology^ Spring (take concurrently with CO3124)	11-12	0.5
3	CO3114	Cosmetology I / Lab^ Fall (take concurrently with CO3014)	11-12	1.0
3	CO3124	Cosmetology I / Lab^ Spring (take concurrently with CO3024)	11-12	1.0
4	CO4014	Cosmetology II / Lab^ Fall	12	1.5
4	CO4024	Cosmetology II / Lab^ Spring	12	1.5
IBC: COSMETOLOGY OPERATOR'S LICENSE				
<i>Cosmetology courses are taught in conjunction with Hill College in Cleburne and include fees paid by the student.</i>				
DUAL CREDIT COURSES = HILL COLLEGE CERTIFICATE				
Family & Community Services				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	HU1002	Principles of Community Service	9-10	1.0
2	HU2002	Human Growth & Development	10-12	1.0
3	HU3002	Family & Community Services	11-12	1.0
3	HU3102	Counseling and Mental Health	11-12	1.0
4	HU4002	Practicum in Human Services I* (Community Health Workers)	11-12	2.0
4	HU5002	Practicum in Human Services II	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: COMMUNITY HEALTH WORKERS				
Health & Wellness				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	HU1002	Principles of Community Service	9-10	1.0
2	HU2002	Human Growth & Development	10-12	1.0
3	HU3002	Family & Community Services	11-12	1.0
3	HU3102	Counseling and Mental Health	11-12	1.0
4	SC4802	Food Science*	12	1.0
4	HU4002	Practicum in Human Services I*	11-12	2.0
4	HU5002	Practicum in Human Services II	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: COMMUNITY HEALTH WORKERS, FOOD SAFETY & SCIENCE CERTIFICATION				

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INFORMATION TECHNOLOGY

Cybersecurity				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	IN1002	Principles of Information Technology* (CompTIA IT Fundamentals+)	9-12	1.0
2	IN2002	Computer Maintenance/Lab* (CompTIA A+)	10-12	2.0
3	IN3002	Networking/Lab*^ (CompTIA Network+)	11-12	2.0
4c	IN4002	Cybersecurity Capstone	11-12	1.0
*IBC: COMPTIA IT FUND+, COMPTIA SECURITY+, COMPTIA A+ CERTIFICATION, AND/OR COMPTIA NETWORK+				
Information Technology Support and Services				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	IN1002	Principles of Information Technology* (CompTIA IT Fundamentals+)	9-10	1.0
2	IN2002	Computer Maintenance/Lab* (CompTIA A+)	10-12	2.0
3	IN3002	Computer Technician Practicum^	10-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: COMPTIA A+ AND/OR COMPTIA IT FUNDAMENTALS+				
Networking Systems				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	IN1002	Principles of Information Technology* (CompTIA IT Fundamentals+)	9-10	1.0
2	IN2002	Computer Maintenance/Lab* (CompTIA A+)	10-12	2.0
2	CS2003	AP Computer Science Principles	10-12	1.0
3	IN3402	Networking/Lab*^ (CompTIA Network+)	10-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: COMPTIA IT FUNDAMENTALS+, COMPTIA A+ AND/OR COMPTIA NETWORK+				
Programming & Software Development				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
2	CS2003	AP Computer Science Principles	9-12	1.0
3	CS1003	AP Computer Science A-Math	11-12	1.0
3	CS1003	AP Computer Science A-LOTE	11-12	1.0
4	CP3102	Career Preparation I	11-12	3.0
*IBC: CERTIFIED ENTRY LEVEL PYTHON PROGRAMMER				

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LAW AND PUBLIC SERVICE

Law Enforcement				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	LW1002	Principles of Law, Public Safety, Corrections, and Security^	9-10	1.0
2	LW2102	Criminal Investigations^	10-12	1.0
3	LW3102	Correctional Systems^	10-12	1.0
3	LW3002	Law Enforcement II*	11-12	1.0
4	SC4503	Forensic Science	11-12	1.0
4	LW4002	Practicum in Law, Public Safety, Corrections, and Security	11-12	2.0
*IBC: IAED EMERGENCY TELECOMMUNICATOR				

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MANUFACTURING

Manufacturing Technology				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	MN1002	Principles of Manufacturing	9-10	1.0
2	MN2002	Diversified Manufacturing I	10-12	1.0
3	MN3002	Diversified Manufacturing II*	11-12	1.0
4	MN4002	Practicum in Manufacturing	12	2.0
IBC: AWS D9.1 SHEET METAL WELDING				

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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

Automotive & Collision Repair				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	TR1002	Principles of Transportation Systems	9-10	1.0
2	TR2002	Diesel Equipment Technology I (recommended, not in program of study)	10-12	2.0
2	TRA314	Automotive Basics^ Fall (take concurrently with TRA414)	11-12	0.5
2	TRA324	Automotive Basics^ Spring (take concurrently with TRA424)	11-12	0.5
3	TRA414	Automotive Technology I^ Fall (take concurrently with TRA314)	11-12	1.0
3	TRA424	Automotive Technology I^ Spring (take concurrently with TRA324)	11-12	1.0
4	TRA514	Automotive Technology II/Lab^ Fall	12	1.5
4	TRA524	Automotive Technology II/Lab^ Spring	12	1.5
4	CP3102	Career Preparation I	11-12	3.0
IBC: ASE ENTRY-LEVEL AUTOMOBILE CERTIFICATIONS (VARIES)				
<i>Automotive courses are taught in conjunction with Hill College in Cleburne and include fees paid by the student.</i>				
DUAL CREDIT COURSES = HILL COLLEGE CERTIFICATE				
Diesel & Heavy Equipment Maintenance & Commercial Drivers				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	TR1002	Principles of Transportation Systems	9-10	1.0
2	TR2002	Diesel Equipment Technology I*	10-12	2.0
3	TRD302	Diesel Equipment Technology II/Lab	11-12	2.0
4	TRD402	Practicum in Transportation Systems (1st year internship)	11-12	3.0
4	TRD502	Practicum in Transportation Systems (2nd year internship)	11-12	3.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: ASE REFRIGERANT RECOVERY AND RECYCLING*				

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