

# AGRICULTURE, FOOD, AND NATURAL RESOURCES

FLORAL AND LANDSCAPE	AGRICULTURE MECHANICS	ENERGY & NATURAL RESOURCES	VETERINARY TECH @ CHS	VETERINARY TECH @ CCTE
<p><b>HT1A10Y1</b> Prin &amp; Ele Floral Dsgn (9-10) 1 Credit Fine Arts Requirement</p>	<p><b>HT1A00Y1 Principles of Agriculture, Food, &amp; Natural Resources (9) 1 Credit</b></p>			<p><b>HT2D00Y1</b> Business Information Management I [9] (1 Credit) Technology Requirement</p>
<p>OR</p>	<p><b>HT2A40Y1</b> AG Mechanics &amp; Metal Tech (10) 1Credit</p>	<p><b>HT2A30Y1</b> Energy &amp; Natural Res Tech (10) 1Credit</p>	<p><b>HT2A00Y1</b> Livestock Prod (10) 1Credit</p>	<p><b>HT2J00Y1</b> Lifetime Nutrition and Wellness (10) 1 Credit</p>
<p><b>HT3A40Y1</b> Horticulture Science (10-11) 1 Credit</p>	<p><b>HT2D00Y1 Business Information Management I [10] (1 Credit) Technology Requirement</b></p>			
<p><b>HT3A30Y1 LS Turf</b> (11) 1 Credit</p>	<p><b>HT3A60Y1</b> AG FAC Design &amp; Fab (11) 1 Credit</p>	<p><b>HT3A20Y1</b> Adv Environmental Tech (10-11) 1 Credit</p>	<p><b>HT3A00Y1</b> Veterinary Med App (11) 1 Credit</p>	<p><b>HT4A00Y2 Pract AF&amp;NR</b> <b>HT3A00Y1 Vet Med Apps</b> <b>HT3H0QY1 A &amp; P</b> (11) 4 Credits (Requires Concurrent Enrollment)</p>
<p><b>HT3A50Y1(4<sup>th</sup> Yr. Sci.)</b> Adv Plant &amp; Soil Science (12) 1 Credit</p>			<p><b>HT3A10Y1(4<sup>th</sup> Yr. Sci.)</b> Adv Animal Science (12) 1 Credit</p>	
<p>AND</p>	<p><b>HT4A00Y2 Pract Ag Food &amp; Natural Res 1</b> (12) 2 Credits Or <b>HT4A00Y3 Pract Ag Food &amp; Natural Res 1</b> (12) 3 Credits</p>			<p><b>HT3A10Y1(4<sup>th</sup> Yr. Sci.)</b> Adv Anim <b>HT5A00Y3</b> Pract AF&amp;NR 3 (12) 4 Credits Requires Concurrent Enrollment</p>

# ARCHITECTURE AND CONSTRUCTION

## ARCHITECTURAL DESIGN

## ELECTRICAL TECHNOLOGY

## INTERIOR DESIGN

**HT1000Y1 Concepts of Engineering & Tech (9) 1 Credit**  
Preferred (Satisfies) Technology Requirement

AND OR

**HT2D00Y1 Business Information Management I (9) 1 Credit**  
Satisfies Technology Requirement

**HT2B20Y1 Architectural Design (10) 1 Credit**  
*\*Autodesk*  
(Satisfies) Technology Requirement  
(@ Burges, Chapin, Coronado, and Franklin)

**HT1000Y1 Concepts of Engineering & Tech (10) 1 Credit**  
Preferred (Satisfies) Technology Requirement

**HT2B10Y1 Interior Design (10) 1 Credit**  
(Satisfies) Technology Requirement

**HT3B1AY1 /AY2/DY1 Advanced Architectural Design (11) 2 Credits**  
*\*Autodesk*  
(@ Burges or CCTE)

**HT3B2AY1 Electrical Technology (11) 2 Credits**  
*\* OSHA/ \*NCCER*  
(CCTE)

**HT3B0AY1/DY1 Adv Interior Design DC (11) 2 Credits**

**HT4B2DY1 Pract Architectural I DC (12) 2 Credits**  
*\*Autodesk*  
(CCTE)

**HT4B3DY1 Adv Electrical Technology DC (12) 2 Credits**  
*\*NCCER*  
(CCTE)

**HT4B10Y1 Practicum in Interior Design (12) 2 Credits**

# ARTS, A/V TECHNOLOGY & COMMUNICATIONS

MEDIA TECHNOLOGY	GRAPHIC DESIGN/ILLUST	ANIMATION & GAMING (CCTE)	FASHION DESIGN	ANIMATION & GAMING (CHAPIN)
<p><b>HT2D00Y1 Business Information Management I (9) 1 Credit</b> Satisfies Technology Requirement</p>			<p><b>HT1COAY1 Animation 1 (9) 1 Credit</b> Satisfies Technology Requirement</p>	
<p><b>HT2K00Y1 Digital &amp; Interactive Media</b> Satisfies Technology Requirement (10) 1 Credit *Adobe Certified Associate</p>			<p><b>HT2C10Y1 Fashion Design (10) 1 Credit</b></p>	<p><b>HT2COAY1 Animation 2 (10) 1 Credit</b></p>
<p><b>HT3C20Y2 Audio/Video Prod (11) 2 Credits</b> Satisfies Technology Requirement *Audio Sys Level II, Cert. Broadcast Technologist (CBT), Cert. TV Operator (CTO), Final Cut Pro (CCTE)</p>	<p><b>HT3C3DY2/AY2 Graphic Design &amp; Illustration DC (11) 2 Credits</b> Satisfies Technology Requirement *Adobe Illustrator (ACE), Adobe InDesign, Adobe Photoshop, Dreamweaver, &amp; Flash (CCTE)</p>	<p><b>HT3C00Y2 Animation (11) 2 Credits</b> Satisfies Technology Requirement Adobe ACE 3DSMax Certified Professional (CCTE)</p>	<p><b>HT3C4AY2 Adv Fashion Design (11) 2 Credits</b> Satisfies Technology Requirement (CCTE)</p>	<p><b>HT4C10Y2 Adv Animation (11) 2 Credits</b> Satisfies Technology Requirement Adobe ACE 3DSMax Certified Professional (CHAPIN)</p>
<p><b>HT4C20Y2 Adv Audio/Video (12) 2 Credits</b> *Audio Sys,-Level II, Cert. Broadcast Technologist (CBT), Cert. TV Operator (CTO), Final Cut Pro (CCTE)</p>	<p><b>HT4C30Y2 Adv Graphic Design Illustration (12) 2 Credits</b> *Adobe Illustrator(ACE), Adobe InDesign, Adobe Photoshop, Dreamweaver, &amp; Flash (CCTE)</p>	<p><b>HT4C10Y2 Adv Animation (12) 2 Credits</b> Adobe ACE 3DSMax Certified Professional (CCTE)</p>	<p><b>HT4C40Y2 Pract Fashion Design 1 (12) 2 Credits (CCTE)</b></p>	<p><b>HTT3OQY1 Problems &amp; Solutions (12) 1 Credits</b> Satisfies 1 DAP Measure (CHAPIN)</p>

# BUSINESS MANAGEMENT & ADMINISTRATION

## BUSINESS MANAGEMENT

## DATA MANAGEMENT

HT2D00Y1 **Business Information Management I (9) 1 Credit** Satisfies Technology Requirement

HT3D10YH **Virtual Business**  
(10) .5 Credit

AND

HT3D00YH **Business Law**  
(10) .5 Credit

HT3D00Y1 **Business Info Mgmt 2**  
(10) 1 Credit  
\*Microsoft Certified Application Specialist (MCAS)

HT2D10Y1 **Human Resources Management**  
(11) 1 Credit

HT4D10Y2 **Business Mgmt**  
(Medical Coding)  
(11/12) 2 Credits  
(CCTE)

HT5D00Y2 (180 Hours) or HT5D00Y3 (270 Hours)  
Pract Business Management 1  
(Similar to Business Education Career Prep)  
(12) 2 or 3 Credits  
\*National Professional Certification in customer Service, OPAC,  
Reservationist

# EDUCATION & TRAINING

## TEACHER PREPARATION

HT2J10Y1 **Child Development**  
(9) 1 Credit

HT2D00Y1 **Business Information Management I**  
(10) 1 Credit  
Satisfies Technology Requirement

**AND**

HT2E00Y1 **Human Growth & Development**  
(10) 1 Credit

HT3E00Y2 **Instruct Practices Ed & Training**  
HT3E0AY1 (Burgess and CDL Only) **Instruct Practices Ed & Training**  
(11) 2 Credit

HT3E00Y2 **Practicum in Education & Training**  
(Similar to Ready Set Teach I)  
(12) 3 Credits

# FINANCE

## BANKING & FINANCE

## SECURITIES & INVESTMENTS

## INSURANCES

**HT2D00Y1 Business Information Management I**  
(9) 1 Credit  
Satisfies Technology Requirement

**HT2F00YH Money Matters**  
(10) .5 Credit

**AND**

**AND**

**AND**

**HT2F10YH Banking & Financial Services**  
(10) .5 Credit

**HT2F20YH Securities & Investments**  
(10) .5 Credit

**HT2F30Y1H Insurance Operations**  
(10) .5 Credit

**HT3F20Y1 Accounting I**  
(11) 1 Credit

**HT4F00Y1 Accounting II**  
(12) 1 Credit

**HT4F10Y1 Financial Analysis**  
(12) 1 Credit

**OR**

**HT5D00Y2 (180 Hours) or HT5D00Y3 (270 Hours)**  
**Pract Business Management 1**  
(Similar to Business Education Career Prep)  
(12) 2 or 3 Credits  
\*National Professional Certification in customer Service, OPAC, PBX  
Operator, Reservationist

# GOVERNMENT AND PUBLIC ADMINISTRATION

## NATIONAL SECURITY / JROTC (Austin)

**HT2D00Y1 Business Information Management I**  
(9) 1 Credit  
Satisfies Technology Requirement

AND

**HR11P0Y1 JROTC I**  
(9) 1 Credit  
Satisfies P.E. Requirement

**HT2L10Y1 Intro to Law Enforcement**  
(10) 1 Credit

AND

**HR2200Y1 JROTC 2**  
(10) 1 Credit

**HT3G0DY2 National Security DC**  
(Intro to Homeland Security)  
And  
(Weapons of Mass Destruction)  
(11) 2 Credits  
(CCTE)

AND

**HR3300Y1 JROTC 3**  
(11) 1 Credit

**HT4L1DY2 Law Enforcement II DC**  
(Understanding & Combating Terrorism)  
\*911 Emergency Telecommunications  
And  
(Internship / Practicum)  
(12) 2 Credits

AND

**HR4400Y1 JROTC 4**  
(12) 1 Credit

\*Texas Dept of Safety Level III Security Officer  
(CCTE)

**HT3L00Y1 Forensic Science**  
(12) 1 Credit

# HEALTH SCIENCE TECHNOLOGY (CCTE)

**EMERGENCY MED TECH  
STRAND**

**CERTIFIED NURSING  
STRAND**

**PHARMACOLOGY  
STRAND**

**VETERINARIAN TECHNICIAN  
STRAND**

HT2D00Y1 **Business Information Management I (9) 1 Credit** Satisfies Technology Requirement

HT2J00SH OR HT2J00Y1 **Lifetime Nutrition and Wellness  
(10) .5 Credit OR 1 Credit** Satisfies Health Requirement

HT3H1DSH **Principles of Health Science (11) .5 Credit**  
 HT3H2DSH **Medical Terminology DC (11) .5 Credit**  
 HT3H3AY1 **Health Science (11) 1 Credit** Satisfies Health Requirement  
 HT3H0AY1 **Anatomy & Phys (11) 1 Credit** Satisfies 4<sup>th</sup> Year Science Credit  
 (Requires Concurrent Enrollment)

HT3A00Y1 **Vet Med Apps(11) 1 Credit**  
 HT4A00Y2 **Prac AGFDR 1 (11) 2 Credit**  
 HT3H0QY1 **Anatomy & Phys (11) 1 Cr.**  
 (Satisfies 4<sup>th</sup> Year Science Credit)  
 (Requires Concurrent Enrollment)

HT4H4DY2 **Pract HS1 EMT -DC  
(12) 2 Credits**

HT4H8AY2 **Pract HS 1 CNA-2 Cr.**  
 HT4H9AY2 **Pract HS 2 CNA-2Cr.**  
 (12) 4 Credits  
 (Requires Concurrent Enrollment)

HT4H8AY2 **Pract HS 1 Phrm-2 Cr**  
 HT4H9AY2 **Pract HS 2 Phrm-2Cr**  
 (12) 4 Credits  
 (Requires Concurrent Enrollment)

HT3A10Y1 **Adv Animal Sci - 1 Credit**  
 (Satisfies 4<sup>th</sup> Year Science Credit)  
 HT5A00Y3 **Pract AGFDR 2 - 3 Credit**  
 (12) 4 Credits  
 (Requires Concurrent Enrollment)



# HEALTH SCIENCE TECHNOLOGY (Silva)

HT1H2ASH Principle of Health Science (9) .5 Credit

HT1H1ASH Medical Terminology (9) .5 Credit

HT3H3AY1 Health Science (10) 1 Credit Satisfies Health Requirement

HT3H0AY1 Anatomy & Physiology (10) 1 Credit

HT3H4AY2 Pract Health Science 1 – Rotations (11) 2 Credits

HT3H5DY3 Pract Health Science 1 - VN DC (11) 3 Credits  
Vocational Nurse Program Junior Year

HT3TOQY1 Problems and Solutions - IS (11) 1 Credit  
Vocational Nurse Program Junior Year

HT2J20Y1 Family and Community Services (11) 1 Credit  
Vocational Nurse Program Junior Year

HT4H2AY2  
Pract Health  
Science 2  
PHC  
(12) 2 Credits  
Career Prep  
Strand

HT4H7AV2  
Pract Health  
Science 1  
Pharmacology  
(12) 2 Credits  
Pharmacology  
Strand

HT4H9AY2  
Pract Health  
Science 2  
CNA  
(12) 2 Credits  
CNA  
Strand

HT4H3DY2  
Pract Health  
Science 1  
Physical Thrp  
(12) 2 Credits  
PTA  
Strand

HT3L0DY1  
Forensic Science  
(12) 1 Credit

**AND**

HT400Y1 Adv.  
Biotechnology  
(12) 1 Credit

HTSH Pract Health Science 2 - VN DC  
(12) 3 Credits  
Vocational Nurse Program Senior Year

HT4TOQY1 Problems and Solutions - IS  
(12) 1 Credit  
Vocational Nurse Program Senior Year

HT3J00Y1 Counseling & Mental Health  
(11) 1 Credit  
Vocational Nurse Program Senior Year

HT4H00SH Medical Microbiology (12) .5 Credit Senior Elective

HT4H10SH Pathophysiology (12) .5 Credit Senior Elective

HTSH00Y1 World Health Research (12) 1 Credit Senior Elective

# HOSPITALITY & TOURISM

## CULINARY ARTS

## HOTEL MANAGEMENT

HT2D00Y1 **Business Information Management I (Similar to BCIS I) (9) 1 Credit** Satisfies Technology Requirement

HT2J00Y1 **Lifetime Nutrition and Wellness  
(10) .5 Credit**

**AND**

**AND**

**AND**

HT2I10SH **Restaurant Management  
(10) .5 Credit**

HT2I00SH **Hotel Management  
(10) .5 Credit**

HT3I0DY2 **Culinary Arts Culinary Chef 1 DC  
(11) 2 Credits**  
\*ServSafe  
(CCTE)

HT3I1AY2 **Hospitality Services  
(11) 2 Credits**  
(CCTE)

**AND**

TI3001 **Food Science (11) 1 Credit** Satisfies 4<sup>th</sup> Year Science Requirement

**AND SELECT ONE PRACTICUM**

HT5I00Y2/A2 **Pract Cul Arts 2 - Chef 2 DC  
(12) 2 Credits**  
(CCTE)

HT4I1AY2 **Pract Hospitality Services HRTM  
(12) 2 Credits**  
(CCTE)

# HUMAN SERVICES

CHILD CARE MANAGEMENT	COSMETOLOGY	MANICURIST (NAIL TECH)
<p>HT2D00Y1 <b>Business Information Management I (Similar to BCIS I) (9) 1 Credit</b> Satisfies Technology Requirement</p>		
<p>HT2J10Y1 <b>Child Development (10) 1 Credit</b></p>	<p>HT2F00SH <b>Money Matters (10) .5 Credit</b></p>	
<p>HT3J0AY2 <b>Child Guidance (11) 1 Credit per Semester (Similar to CDL – Still Double Blocked)</b> *Child Development Associate (CDA)</p>	<p>HT3J10Y2 <b>Cosmetology 1-1</b> HT3J20Y2 <b>Cosmetology 1-2 (11) 3 Credits (CCTE)</b></p>	<p>HT3J30Y2 <b>CosmManicur 1-1</b> HT3J40Y2 <b>CosmManicur 1-2 (11) 4 Credits (CCTE)</b></p>
<p>HT4J60Y2 <b>Prac Hum Srvc 1 or (12) 2 Credits</b></p>	<p>HT4J10Y3 <b>Cosmetology 2-1</b> HT4J20Y3 <b>Cosmetology 2-2 (12) 3 Credits (CCTE)</b> *Texas Cosmetology License (TDL)</p>	<p>HT4J30Y3 <b>CosmManicur 2-1</b> HT4J4AY2 <b>CosmManicur 2-2 (12) 3 Credits (CCTE)</b> *Texas Nail Tech License (TNTL)</p>

# INFORMATION TECHNOLOGY

## WEB TECHNOLOGIES

**HT2K00Y1 Digital & Interactive Media**  
 (Similar to BIMM)  
 Satisfies Technology Requirement  
 (9) 1 Credit  
 \*Adobe Certified Associate

**HT3K00Y1 Web Technologies**  
 (10) 1 Credit  
 \*Certified Internet Webmaster Associate Certification

### CPU REPAIR STRAND

### NETWORK STRAND

### COMPUTER PROGRAMMING STRAND

**HT3K10Y2 CPU Maintenance**  
 (11) 2 Credits  
 (CTE)

**HT3K20Y2 Telecom & Networks**  
 (11) 2 Credits  
 (CTE)


~~TC00N1 (Video Game Design) Fall Semester~~  
**HT3K30Y1 (CPU Programming) Spring**  
 Semester  
 (11) 2 Credits (CTE)

**HT4K10Y2 CPU Technician**  
 (12) 2 Credits  
 (CTE)

**HT4K20Y2 Research in IT Solutions**  
 (12) 2 Credits  
 (CTE)

~~TK7702 (Adv CPU Programming)~~  
**(12) 2 Credits**  
 (CTE)

# LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

<p style="text-align: center;"><b>FIRE SCIENCE (Austin)</b></p>	<p style="text-align: center;"><b>LAW ENFORCEMENT (Austin)</b></p>	<p style="text-align: center;"><b>SECURITY &amp; PROTECTIVE SERVICES (CCTE)</b></p>	<p style="text-align: center;"><b>FIRE SCIENCE (CCTE)</b> </p>
---	--	---	---

**HT2D00Y1 Business Information Management I**  
 (Similar to BCIS I)  
 (9) 1 Credit  
 Satisfies Technology Requirement

<p style="text-align: center;"><b>HT1L00Y1</b>  <b>Crim Justice / Pub Service Core</b>  <b>(1 Credit) (10)</b>  <b>(Austin)</b></p>	<p style="text-align: center;"><b>HT2L10Y1 Into Law Enforcement</b>  <b>(10) 1 Credit</b></p>	<p style="text-align: center;"><b>HT1L00Y1</b>  <b>Crim Justice / Pub Service Core</b>  <b>(1 Credit) (10)</b></p>
---	---	--

<p style="text-align: center;"><b>HT2L2AY2 Firefighter 1</b>  <b>(2 Credits) [10]</b>  <b>(Austin)</b></p>	<p style="text-align: center;"><b>HT3L00Y1 Forensic Science</b>  <b>(1 Credit) (10)</b>  <b>HT3L10S1 Correctional Services</b>  <b>(1 Credit) (10)</b>  <b>(Concurrent Enrollment)</b></p>	<p style="text-align: center;"><b>HT2L10Y1 Into Law Enforcement</b>  <b>(10) 1 Credit</b></p>	<p style="text-align: center;"><b>HT2L2AY2 Firefighter 1</b>  <b>(2 Credits) [10]</b></p>
--	--	---	---

<p style="text-align: center;"><b>HT3L2DY2 Firefighter DC 2</b>  <b>(2 Credits) [11]</b>  <b>(Austin)</b></p>	<p style="text-align: center;"><b>HT3L1DSH Police Srvc DC</b>  <b>(.5 Credit) [11]</b>  <b>HT4L1DSH Intro CJ DC</b>  <b>(.5 Credit) [11]</b>  <b>HT3L1DY1 Courts &amp; Crim Pro DC</b>  <b>(1 Credit) [11]</b>  <b>(Concurrent Enrollment)</b></p>	<p style="text-align: center;"><b>HT3G0DY2 National Security DC</b>  <b>(Intro to HS) &amp; (WMD)</b>  <b>(11) 2 Credits</b>  <b>(CCTE)</b></p>	<p style="text-align: center;"><b>HT3L2DY2 Firefighter DC 2</b>  <b>(2 Credits) [11]</b>  <b>(CCTE)</b></p>
---	--	---	---

<p style="text-align: center;"><b>HT4L2DY2 Pract Fire DC</b>  <b>(2 Credits) [12]</b>  <b>(Austin)</b></p>	<p style="text-align: center;"><b>HT4L10Y2 Practicum Law I</b>  <b>(12 ) 2 Credits</b></p>	<p style="text-align: center;"><b>HT4L1DY2 Law Enforcement II</b>  <b>DC</b>  <b>(U &amp; C Terror) &amp; (CLEP)</b>  <b>(12) 2 Credits</b>  <b>(CCTE)</b></p>	<p style="text-align: center;"><b>HT4L2DY2 Pract Fire DC</b>  <b>(2 Credits) [12]</b>  <b>(CCTE)</b></p>
--	--	--	--

# MANUFACTURING

## WELDING

## PRECISION METAL (IRVIN)

## METAL TRADES (CCTE)

HT1M00Y1 **Principles of Manufacturing**  
(9) 1 Credit  
\*OSHA

HT2D00Y1 **Business Information Management I**  
(Similar to BCIS I)  
(10) 1 Credit  
Satisfies Technology Requirement

HT1O00Y1 **Concepts of Engineering & Technology (10)** 1 Credit  
Preferred (Satisfies) Technology Requirement

HT2M0AY1 **Welding**  
(11) 1 Credit  
(Requires Concurrent Enrollment)  
\*OSHA  
(Jefferson and Irvin)

HT2M10Y1 **Precision Metal Manufacturing**  
(11) 1 Credit  
\*OSHA  
(Irvin)

HT3M2DY2 **Flexible Manufacturing DC**  
(11) 2 Credits  
\*OSHA  
(CCTE)

HT3M0DY2/AY2 **Adv Welding**  
(12) 2 Credits  
\*AWS Sense Certification & NCCER @  
(Jefferson / Irvin)

HT3M10Y2 **Adv Precision Metal Manufacturing**  
(12) 2 Credit  
\*OSHA  
(Irvin)

HT4M2DY2 **Adv Flexible Manufacturing DC**  
(12) 2 Credits  
\*AWS Sense Certification & NCCER  
(CCTE)

**AND / OR**

HT4M10Y2 **Practicum in Manufacturing**  
(12) 2 Credits  
\*AWS Sense Certification & NCCER  
(CCTE)

# MARKETING

**HT2D00Y1 Business Information Management I**  
(Similar to BCIS I)  
(9) 1 Credit  
Satisfies Technology Requirement

**HT2N30SH**  
Fashion Marketing  
(10) .5 Credit

**AND  
OR**

**HT2N20SH**  
Entrepreneurship  
(10) .5 Credit

**AND  
OR**

**HT2N40SH Retailing**  
(11) .5 Credit

**AND  
OR**

**HT2N50SH**  
Sports Marketing  
(11) .5 Credit

**HT3N3AY2 (180 Hours) or HT3N3AY3 (270 Hours)**  
Marketing Dynamics  
(12) 2 or 3 Credits

**HT4N10Y2 (180 Hours) or HT4N10Y3 (270 Hours)**  
Pract Marketing Dynamics I  
(12) 2 or 3 Credits

# SCIENCE, TECH, ENGINEERING AND MATH (STEM)

ELECTRONICS @ IRVIN	ROBOTICS @ EPHS	ENGINEERING & DESIGN @ CCTE	BIOTECHNOLOGY
<p align="center"><b>HT1000Y1 Concepts of Engineering &amp; Technology</b>  <b>(9) 1 Credit</b>                      Satisfies Technology Requirement</p>			
<p align="center"><b>HT2010Y1 Engineering Design &amp; Presentation</b>                      (Similar to Engineering Graphics)  <b>(10) 1 Credit</b></p>			<p align="center"><b>HT2000Y1 Biotechnology</b>  <b>(10) 1 Credit</b></p>
<p align="center"><b>HT2020Y2 Electronics</b>  <b>(11) 2 Credits</b>                      (IRVIN)</p>	<p align="center"><b>HT2030Y1</b>                      Robotics and Automation 1  <b>(11)2 Credits</b></p>	<p align="center"><b>HT300DS1 Adv Engineering</b>                      Design Presentation                      (Similar to Engineering GIS)  <b>(11) 2 Credits</b>                      (CCTE)</p>	<p align="center"><b>HT4000Y1</b>                      Advanced Biotechnology  <b>(11-12) 1 Credit</b>                      Satisfies 4<sup>th</sup> Year Science                      Requirement</p>
<p align="center"><b>HT3010Y2</b>                      Advanced Electronics  <b>(12) 2 Credits</b>                      (IRVIN)</p>	<p align="center"><b>HT2030Y2</b>                      Robotics and Automation 2  <b>(12) 2 Credits</b></p>	<p align="center"><b>HT404DY2 Pract STEM 2 DC</b>                      (Similar to Engineering GIS)  <b>(12) 2 Credits</b>                      (CCTE)</p>	<p align="center"><b>HT3000Y1 Scientific Research &amp;</b>                      Design 1  <b>(12) 1 Credit</b></p>



# SCIENCE, TECH, ENGINEERING AND MATH (STEM) @ CHAPIN

## PROJECT LEAD THE WAY

Civil Engineering  
and Architecture

Bio Medical-Tech  
Engineering

Electrical Engineer  
and Electronics

Computer Science and  
Engineering

Mechanical &  
Indust. Engineering

HT1W1XY1 Introduction to Engineering Design (9) 1 Credit

AND

HT1W0XY1 Concepts of Engineering & Technology  
(9) 1 Credit  
Satisfies Technology Requirement

HT2W0XY1 Principles of Engineering (10) 1 Credit

HT3W2AY1 Civil  
Engineering & Arch  
(11) 1 Credit

HT3W0AY1 Digital Electronics (11) 1 Credit

AND

HT3W3AY1 Computer Integrated Manufacturing (11) 1 Credit

AND

AND

HT3H0QY1 Anatomy &  
Physiology (11) 1 Credit

HM53GPY1 AP Computer Science A  
(11/12) 1 Credit

HT3W1AY1 Biotech  
Engineering  
(12) 1 Credit-Elective

AND

HT4W0AY1 Eng Design Development (12) 1 Credit

# TRANSPORTATION

**AUTO COLLISION @ CTE**

**AUTO TECHNOLOGY @ CTE**

**DIESEL TECHNOLOGY @ CTE**

**HT2D00Y1 Business Information Management I**  
(Similar to BCIS I)  
(9) 1 Credit  
Satisfies Technology Requirement

**HT1P10Y1 Prin of Trans Dist & Logistics (10) 1 Credit**  
**AND**  
**HT1P20Y1 Energy, Power, & Trans Sys (10) 1 Credit**  
(Optional Concurrent Enrollment)  
(Austin and El Paso High Only)

**HT3P00Y2 Collision Repair & Refinishing**  
(11) 2 Credits  
\*iCar Certification

**HT3P20Y2 Adv Auto Tech - Auto ASE 1**  
(11) 2 Credits  
\*AYES Certification

**HT3P10Y2 Automotive Tech - Diesel 1**  
(11) 2 Credits  
\*iCar Certification

**HT4P00Y2 Adv Collision Repair & Refinish**  
(12) 2 Credits  
\*iCar Certification

**HT4P20Y2 Automotive Repair (ASE )**  
**HT4P30Y2 Automotive Repair (ASE )**  
(12) 3 Credits  
\*AYES Certification

**HT4P1DY2 Pract TDL 1 - Diesel 2 DC**  
(11-12) 2 Credits

# CTED – CCTE

## MARKETING

## CULINARY ARTS

**HT2D00Y1 Business Information Management I**  
(Similar to BCIS I)  
(9) 1 Credit  
Satisfies Technology Requirement

**HT3N1VS1 Adv & Sales**  
**HT3N2VS1 Entrepreneurshp**  
**HT3N3VY2 Mkt Dynamics**  
4 Credits  
Satisfies Technology Requirement

**HT2I0VS1 Hotel Mgmt**  
**HT2I1VS1 Restaurant Mgmt**  
**HT3I0VY2 Cul Arts 1**  
4 Credits  
(Requires Concurrent Enrollment)

**HT4N1VY2 Prac Mkt 2**  
**HT4N2VY2 Prac Mkt 2**  
4 Credits

**HT4I0VY2 Pract Culinary Arts 1**  
**HT5I0VY2 Pract Culinary Arts 1**  
3 Credits

SPED TRANSITION

# CTED - CTE

## BUILDING MAINTENANCE

## ARCHITECTURE AND CONSTRUCTION

**HT2D00Y1 Business Information Management I**  
(Similar to BCIS I)  
(9) 1 Credit  
Satisfies Technology Requirement

## CONSTRUCTION TECH

## PLUMBING TECH

**HT3B2VY2 Construction Tech**  
2 Credit  
**HT3B3VY2 Building Maintenance Tech**  
2 Credits  
(Requires Concurrent Enrollment)

**HT3B2VY2**  
Construct Tech  
And  
**HT3B1VY2**  
Construct Mgmt - CTED  
4 Credits  
(Requires Concurrent Enrollment)

**HT3B4VY2**  
P & P Tech  
3 Credits

**HT4B3VY2 Adv Building Maintenance Tech CTED**  
3 Credits

**HT4B1VY2**  
Adv Const Mgmt  
**HT4B2VY2**  
Adv Const Tech  
4 Credits

**HT4B4VY2 Adv Piping & Plumbing – CTED**  
3 Credits

**SPED TRANSITION**