Building Better Students

Connally Career Tech ECHS
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Connally Career Tech ECHS
Connally ISD—Waco, Texas

The mission of Connally Career Tech is to provide students access to a dynamic technological education in a specialized field of study that equips them to confidently engage in their community and enables them to be career-ready upon graduation.
Who We Are

Connally Career Tech
- 4A: 127 students in program, 650 students in comprehensive high school, and 2,355 students in district
- Career and tech focused
- Strong AVID system district-wide
- School-within-a-school model
- Early College High School

Texas State Technical College
- 52% of students attend
- Technical and trade certificates and Associate degrees

McLennan Community College
- 48% of students attend
- Traditional community college
- Focus in Public Services
Connally Career Tech Facts

Number of Students and College Hours

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Students</th>
<th>College Hours</th>
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<tbody>
<tr>
<td>2015-16</td>
<td>190</td>
<td>390</td>
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<tr>
<td>2016-17</td>
<td>105</td>
<td>549</td>
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<tr>
<td>2017-18</td>
<td>127</td>
<td>745</td>
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Connally Career Tech Facts

Number of Students Per Program

- Information Technology: 9.2%
- Architecture & Construction: 10%
- Manufacturing: 11.7%
- Visual Communications: 5%
- Transportation Technology: 10.8%
- Hospitality & Tourism: 11.7%
- Health Science: 43.3%
- Law, Public Safety...
Student Involvement
Career Ready at Connally Career Tech

The attainment and demonstration of requisite competencies that broadly prepare graduates for a successful transition into the workplace

- Critical thinking/problem solving
- Oral/written communication
- Career management
- Leadership
- Teamwork/collaboration
- Information technology application
- Professionalism/work ethic

*Adapted from the Career Readiness materials by the National Association of Colleges & Employers (NACE)
Our Path to Career Readiness

Resources
• AVID
• Industry connections
• Collaborative projects
• 1-to-1 technology
• Student organizations

Special Courses
• General Employability
• Entrepreneurship
• Business English
• Math for Tech Professionals
Small-School Feel

• Culture and vision for campus established
• Campus PLC: student focused
• Community service
  • Mentoring younger campus
  • Habitat for Humanity
• Summer Bridge → Launch Week
  • Team building
  • TSI review and testing
  • Campus tours
  • Career explorations
Scheduling

1. Base IHE degree plans on student program selected
2. List high school courses needed per student needs and wants
3. Create number of sections based on student numbers
4. Use main campus master schedule as guide
5. Look at when college courses are offered
6. Create campus master schedule
7. Draft student schedules
8. Individualize 4- or 6-year plans based on students’ requirements
9. Register college courses with IHE
## WELDING PROGRAM

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
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<td>WLDG 1407</td>
<td>Introduction to Welding Using Multiple Processes</td>
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<td>Introduction to Blueprint Reading for Welders</td>
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<td>Introduction to Layout and Fabrication</td>
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<td>Introduction to Pipe Welding</td>
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<td>Intermediate Welding Using Multiple Processes</td>
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<td>WLDG 2443</td>
<td>Advanced Shielded Metal Arc Welding (SMAW)</td>
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### Combination Welding - Certificate 1 - Total Program Credits

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### Combination Welding - Certificate 2 - Total Program Credits

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<td>Contemporary Mathematics</td>
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<td>General Humanities / Fine Arts Course</td>
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### Associate of Applied Science - Total Program Credits

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Scheduling

1. Base IHE degree plans on student program selected
2. List high school courses needed per student needs and wants
3. Create number of sections based on student numbers
4. Use main campus master schedule as guide
5. Look at when college courses are offered
6. Create campus master schedule
7. Draft student schedules
8. Individualize 4- or 6-year plans based on students requirements
9. Register college courses with IHE
<table>
<thead>
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<th>2nd</th>
<th>3rd</th>
<th>4th</th>
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**MATH**

- Midgett, W. E37
  - Room: 1st
  - Time: 8:54-9:43
  - Class: Applied Mathematics for Tech Professionals
  - Location: Math Lab
  - 2nd Block: Programming
  - 3rd Block: GEOM - Inc
  - 4th Block: PLC
  - 5th and lunch: ALG 2

**SCIENCE**

- Owens, D. E-38
  - Room: 1st
  - Time: 9:48-10:37
  - Class: Scientific Research and Design
  - Location: PLC
  - 2nd Block: CHEM
  - 3rd Block: CONF
  - 4th Block: Science Lab
  - 5th and lunch: CHEM

**ENGLISH**

- MacDonald, D. E33
  - Room: 1st
  - Time: 10:42-11:46
  - Class: ENG 1301 / 1302
  - Location: PLC
  - 2nd Block: ELA 2
  - 3rd Block: ELA 3 - Inc
  - 4th Block: CONF
  - 5th and lunch: ELA 3

**SOCIAL STUDY**

- Sommerfeld, C. E36
  - Room: 1st
  - Time: 11:51-1:05
  - Class: US HIST
  - Location: WORLD HIST - Inc
  - 2nd Block: CONF
  - 3rd Block: GOVT ECO - Inc
  - 4th Block: History Lab
  - 5th and lunch: US HIST - Inc
  - 6th Block: PLC

**Health Science**

- Stanton, J. E34
  - Room: 1st
  - Time: 1:10-2:53
  - Class: Prin of Health Sci - CHS
  - Location: Prin of Health Sci - CHS
  - 2nd Block: Prin of Health Sci - CHS
  - 3rd Block: Prin of Health Sci - CHS
  - 4th Block: CONF
  - 5th and lunch: A & P
  - 6th Block: Prin of Health Sci - CHS
  - 7th Block: Medical Term
  - 8th Block: Prin of Health Sci

**Business / Criminal Justice**

- Colohan, L E35
  - Room: 1st
  - Time: 2:04-3:48
  - Class: General Employability skills
  - Location: CONF
  - 2nd Block: General Employability skills
  - 3rd Block: General Employability skills
  - 4th Block: Entrepreneurship
  - 5th and lunch: Dollars and sense / Dollars and sense
  - 6th Block: Lab
  - 7th Block: General Employability skills
  - 8th Block: Principles of Law, Public Safety, Corrections, and Security - all HS

**STUDY HALL / DEN**

- Leggott, D. E31
  - Room: 1st
  - Time: 8:00-8:49
  - Class: Study Hall
  - Location: Study Hall
  - 2nd Block: Study Hall
  - 3rd Block: Study Hall
  - 4th Block: Study Hall
  - 5th and lunch: Study Hall
  - 6th Block: Study Hall
  - 7th Block: Study Hall
  - 8th Block: Study Hall

- 9th ATH
  - Location: BAND
  - 2nd Block: CHOIR (BEGIN)
  - 3rd Block: CHOIR (ADVAN)
  - 4th Block: Boys ATH/DEBATE
  - 5th and lunch: Dance
  - 6th Block: Girls ATH
Scheduling

1. Base IHE degree plans on student program selected
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<td>ENGLISH III</td>
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**EMT CERTIFICATION WITH FIRE PROTECTION (AFTER 18 YEARS OF AGE)**
# Connally ISD Career Pathway Program – 6-Year Plan

**PARTICIPATING ISD:** Connally ISD  
**CAREER PATHWAY PROGRAM:** (FOUNDATION WITH AN ENDORSEMENT GRADUATION PLAN)  
**PARTICIPATING COLLEGE:** MCC  
**PARTICIPATING HIGH SCHOOL:** Connally Career Tech Early College High School  
**HS ENDORSEMENT:** PUBLIC SERVICE  
**ACADEMIC YEAR:** 2017–2018  
**AAS DEGREE:** PARAMEDICINE

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<th>SUMMER SESSION</th>
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**Total possible college credits completed in high school = 78**

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<th>College Course</th>
<th>Courses not part of AAS</th>
<th>College courses that are not dual credit</th>
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**CAREER PATHWAY PROGRAM:** PARAMEDICINE / HEALTH PROFESSIONS TECHNOLOGY (BAT)
## Connally Career Tech- WELDING TECHNOLOGY

### FOUNDATION+ Business and Industry ENDORSEMENT

#### Required courses for Distinguished Achievement

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<td>Interpersonal Studies</td>
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<td><strong>TOTAL: 26 CREDITS</strong></td>
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Schedule Drives the Rest of Campus

- Bus route
- College books
- Student supplies/tools for programs
- Technology
- CTE funding
<table>
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<tr>
<th>STUDENT NAME</th>
<th>SECTION #</th>
<th>IN CLASS FROM</th>
<th>PICK UP AT HS</th>
<th>DROP OFF AT TSTC</th>
<th>PICK UP AT TSTC</th>
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<td>Zachary</td>
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<tr>
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</table>
Schedule Flexibility and Creativity

- Staff must understand mission and direction of campus
- Lab classes
- Den – Study Hall
- Google Classroom
- Dual credit courses on campus
Institution of Higher Education

Texas State Technical College
- Fixed schedule
- Industry-based offerings

McLennan Community College
- Some flexibility
- Traditional community college offerings
The higher education partner must understand the campus vision. The campus connects with IHE in a variety of ways.

- **Design Team Meetings**
  - 2–4 times per month
  - Discussion is centered around schedules, student needs, campus needs.

- **Leadership Team Meetings**
  - Once per semester
  - Discussion is centered around big-picture needs, Memorandum of Understanding (MOU), progress, and future of partnership.
Communication is crucial to the partnership . . .

• College and Career Coordinator will be direct liaison between our campus and college department heads on campus.
• Grade checks in college courses
• Assisting with recruiting events throughout the year
• IHE advisors on campus when needed for special program information
Career/Industry Experience
Industry Partnerships

School’s Perspective

• Why?
  • Expose students to industry
  • Serve as a role model and inspire students
  • Help students understand the connection of classes to “real world”

• Connects with the community
  • Lacy Lakeview Chamber of Commerce
  • Waco Chamber of Commerce
  • Prosper Waco
  • Events around town
So Far . . .

Partners in Education
• In 2017, we met once each semester.
• 60 different businesses and organizations participated.

Internship Program
• Holt/Caterpillar
• Connally ISD – variety of departments
CTE ECHS Partners in Education
Next Steps . . .

• Creation of College and Career Coordinator position for the 2018 school year
• Continue Partners in Education meetings
• Creation of advisory boards per career pathways
• Additional internships
• Begin mentorship program
  o Outlined and ready for 2018 school year
• Begin community service opportunities
  o Habitat for Humanity
Next Steps . . .

How did we get there?

• Promote campus
  o Chamber meetings
  o Social media
  o Word of mouth
  o Staff connections
Industry Partnerships

Industry Perspective
• Tony Spalding
• Holt/Cat Director of Internship and Apprenticeships

Why?
• Building employees early on
• Giving back

How?
• Structures in place with Holt/Cat
• Qualities and skillset the company is looking for
• Process interns go through
Industry Partnerships

- What role can a business play with a local ISD?
- How should schools approach businesses?
- What are other Holt/Cat success stories?
Thank You for Your Attention

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Sara Rudd – srudd@Connally.org
Tony Spalding – Anthony.spalding@holtcat.com

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