




Empowering Students...

CAREER AND TECHNICAL EDUCATION





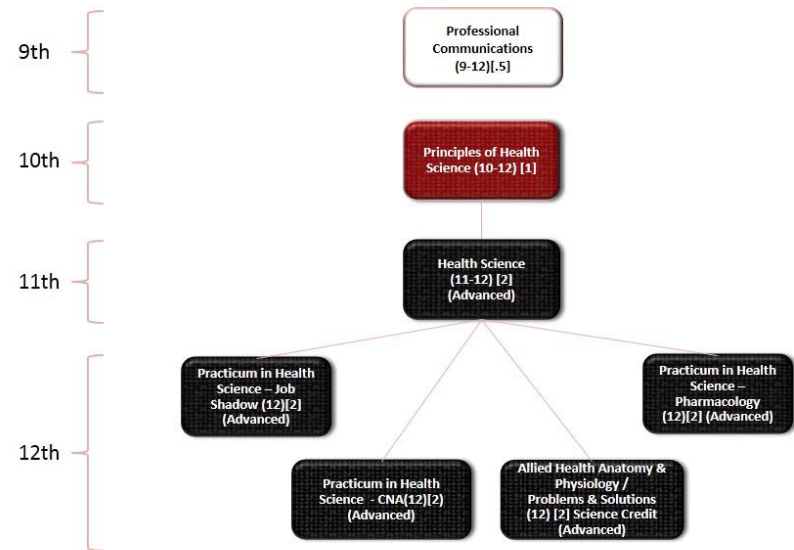
Empowering

- students with the skills they need to compete in tomorrow's job market
 - students to be life long learners and productive global citizens
 - teachers to be powerful life change agents
 - parents to be active partners in developing student potential
 - our community to develop key partnerships for our students
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Career and Technical Education

- 30 Different Programs
- 127 CTE Courses
- 15 Clusters
- 40 Certifications and Licensing
- 42 College Articulated Agreements

Health Science



Statewide Articulation

Agricultural Food and Natural Resources

Equine Science

Landscape Design and Turf Grass Management

Agriculture Facilities Design and Fabrication

Agricultural Mechanics and Metal Technology

Arts, Audio Visual Technology and Communication

Advanced Audio Video Production

Animation

Advanced Animation

Commercial Photography

Business Management and Administration

Business Information Management I

Business Information Management II

Finance

Accounting I

Health Science

Pre-LVN A & P

Hospitality and Tourism

Culinary Arts

Hospitality

Human Services

Lifetime Nutrition and Wellness (Food and Nutrition)

Information Technology

Digital and Interactive Media

Computer Maintenance

Computer Technician

Internetworking Technology I (CISCO)

Internetworking Technology II (CISCO)

Law, Public Safety and Security

Principles of Law, Public Safety and Security

Law Enforcement I

Marketing

Entrepreneurship

Manufacturing

Welding

Advanced Welding

Precision Metal Manufacturing

Science, Engineering, Technology and Math

Electronics

Transportation, Distribution and Logistics

Automotive Technology

Advanced Automotive Technology

Student Performance

CTE STAAR EOC Passing Rate	
	Denton
Math	83.7
Science	94.1
Socials Studies	90.3
English Language Arts	74.8

Graduation and Dropout

CTE Performance	
Annual Dropout Rate	<1%
CTE Graduation Rate	99.1



Certification/Licensing

Certification/Licensing per Campus		
	2013-14	2014-15
DHS Students	146	219
GHS Students	220	226
OOD Students	88	150
RHS Students	295	335
Total Students	749	930



Enrollment

Enrollment				
	2014		2015	
	CTE	ATC	CTE	ATC
Total Count	7385	1788	7550	1855
Special Ed	9.8%	7%	10%	6.5%
Free/Reduced	41%	40%	41%	35%
9th Grade	1257	0	1271	0
10th Grade	2295	197	2352	111
11th Grade	1918	778	2111	832
12th Grade	1981	813	1816	912

Scholarships

- 240 Students for a total of \$13,422.50



Highlights

- Balfour Betty Mentoring Program @ DHS/ATC
- TDI Internship Program
- Elementary Career Fairs/Career Carnival
- TWU Grow Your Own Mentoring Program
- Welding Competition



BE A FORCE FOR THE FUTURE

CAREER PLANNING FAIR 2015

STUDENTS: To register, or for additional information, call the ATC at (940) 369-4850.



The third annual Career Planning Fair offers DISD highschool sophomores & juniors and their parents the opportunity to learn about career planning and careers available right here in Denton. The program features local businesses and regional institutions of higher education that are key to developing strong human capital and retaining talent for Denton's growing community. **EXCITING PRIZES!**

Special Thanks to our Educational Partners



TUESDAY, NOVEMBER 10
STUDENT PROGRAM: 11:30-4:00 PM | PARENT PROGRAM: 5:30-7:30 PM
1504 LONG RD. - ADVANCED TECHNOLOGY COMPLEX



Aj Amyx, the #TwitterRockstar
 CEO
 Amyx Enterprises
 Looking and Playing the Part for Your
 Dream Job



Ofc. Orlando "Hino" Hinojosa
 Community Resource Officer
 City of Denton Police Department
 "Selfie" Awareness and Online Safety




Highlights

- TWU Grow Your Own Mentoring Program
- UNT Business Leadership Academy
- Pi Day Contest
- Help-Portrait Denton
- Ag Science Trailer Project





Advisory Committee

- Post Secondary Follow up
 - Gender Equity
 - Updated Technology
 - More Internship Opportunities
 - Increase Membership – Advisory Committee
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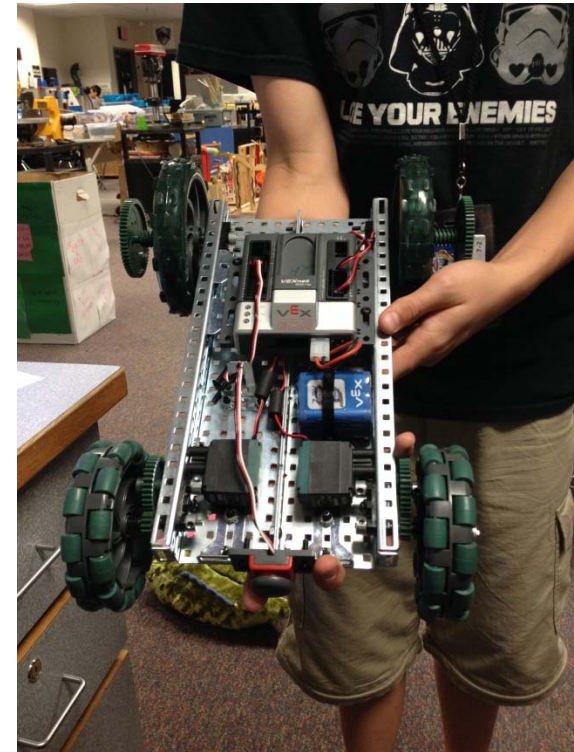
Equipment Update

- Engineering – High School CTE Labs
- Interactive Projector Updates
- Agriculture Science
 - Trucks/Trailer
- Middle School – 3D Printers



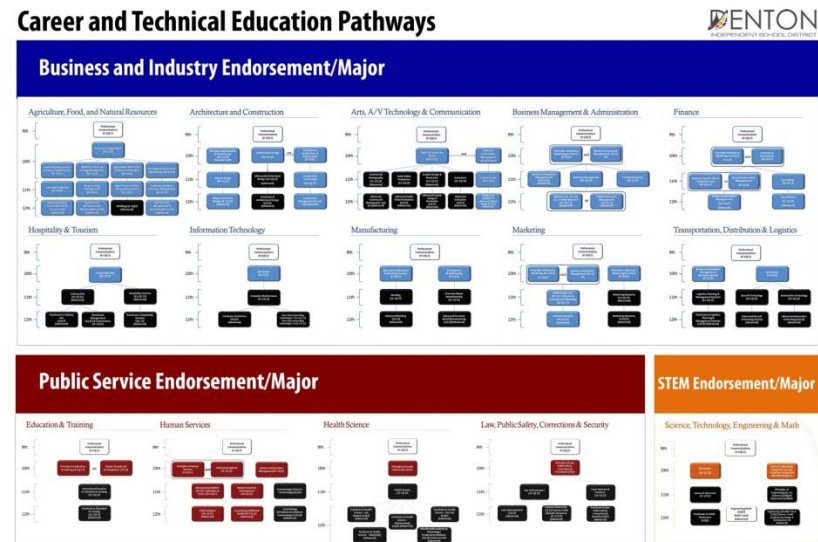
Curriculum Updates

- CTE TEKS Revision –
Implementation 2017-18
- NCTC/TSTC Alignment
 - Jump Start Program
- Middle School Engineering
Program Update



HB 5 CTE Impact

- CTE Program Growth
 - Family Consumer Science
 - Engineering
 - Law Enforcement
 - Agriculture Science
 - Health Science
- Significant growth in our 2nd year programs
 - 2015 - 25% - Students return for 2nd year
 - 2017 - 80 % - 2nd year



Contact your Career Counselor for more information.

GHS - Jeanie Bragg
(940) 369-1033

DHS - Kim Keith
(940) 369-2020

RHS - Angela Clouse
(940) 369-3025

ATC - Susan Reyes
(940) 369-4866

EXECUTIVE SUMMARY

The Dallas-Fort Worth region is thriving

7%

Regional labor market growth since 2009, compared to 5% nationally

371k

New regional jobs added since 2001

2.2%

Regional contributions to the nation's net new job growth from 2001-2013

1.7%

Job growth projection per year from 2013 to 2023, compared to 1.2% nationally

4%

Current regional unemployment rate, compared to 5.4% nationally¹

Source: EMSI unless otherwise noted²

Middle-skill jobs are critical to the DFW economy

960,000

middle-skill jobs currently in the DFW region. These occupations represent 29% of all positions.



\$24.47

Average median hourly wage of middle-skill positions, 35% higher than the region's living wage of \$18.08



42,000

Middle-skill job openings are projected every year through 2018

Source: EMSI³

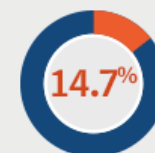
Where new middle-skill workers will come from

Many DFW residents lack the basic academic and job readiness skills required to start a middle-skill career ladder:



950,000

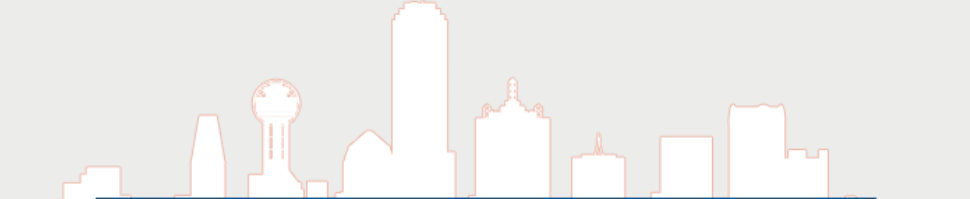
adults, or 22% of the region's population ages 25 and older do not have a high school credential⁴




640,000


or 14.7% of individuals in the DFW region ages 16-64 have limited English proficiency⁵

Healthcare and information technology lead middle-skill demand in Dallas-Fort Worth





High demand in middle-skill jobs

HEALTHCARE
 **3.6%** average annual middle-skill job growth projected between 2013 and 2018

INFORMATION TECHNOLOGY
 **5.5%** average annual middle-skill job growth projected between 2013 and 2018

HEALTHCARE **INFORMATION TECHNOLOGY**

 +  = **Nearly 40,000** middle-skill job openings were in these two sectors in 2013-14

32,990 job openings **6,739** job openings

Source: Burning Glass

High wages for in-demand middle-skill jobs

 **\$20.29**
median hourly wage for surgical technologists

 **\$20.30**
median hourly wage for help desk positions

Association of Career & Technical Education Career Guidance Award



Jeanie Bragg – GHS

ATC Update

- Welding Competition Projects
 - Outdoor classroom
 - Sculpture
 - 1940 Chevrolet BBQ



ATC Update

- Engineering
 - Shell Eco Marathon
- ATC Gives Back
- NCTC Course Alignment
- Food Truck





@dentonatc

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the
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advanced
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complex



@DentonATC

www.dentonisd.org/dentonatc

Call: (940) 369-4850

Advanced Technology Complex
1504 Long Rd.
Denton, TX 76207



Future

- Safety, Safety, Safety
 - TEKS Revision – Implemented 17-18
 - New High School
 - Program design
 - Advisory Committee Members- Challenge
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