LED A Grant Provides Funding for ATC Renovation and Expansion

The Lubbock Economic Development Alliance (LEDA) Board voted unanimously to grant $800,000 to the Lubbock Independent School District (LISD) to assist in the cost of renovations at the Byron Martin Advanced Technology Center (ATC), as well as in the expansion of its technical programs.

LISD Enters Partnership with United Supermarkets

This summer, South Plains College will vacate approximately 25,000 square feet at the ATC and move to the South Plains College Lubbock Center. Lubbock ISD will begin Phase I of the renovation and expansion, which includes replacement of computer cabling, wiring for fiber optics, expansion of the welding technology program and implementation of three new student programs to the ATC - culinary arts, floral design and law enforcement. The expansion of the ATC programs will be available to students in the 2017-2018 school year.

LISD CTE Programs Show Increasing Enrollment

Lubbock ISD's Career and Technical Education (CTE) program announced a significant increase in enrollment. This year, 11,756 students were enrolled in the 143 CTE classes. Many students were enrolled in multiple CTE classes at the high school level and this does not account for double block or triple block courses. CTE classes makeup 42 percent of all classes offered at the high school level.

Students attending CTE classes at the Byron Martin Advanced Technology Center (ATC) totals 2,051 students and accounts for 16 percent of CTE student enrollment. The number of students attending ATC classes has increased by 422.

CTE classes provide students an opportunity to choose a career pathway in high school, and students are prepared to go to work, college or both, upon graduation from high school.
November 16, 2017, was a very special and busy day at the Byron Martin Advanced Technology Center (ATC). The day began with the Trade and Industrial (T&I) Career Fair made up of 30 employers from different companies in T&I industry visiting with more than 500 students about job opportunities in their organization. It ended with an Open House that allowed parents and the community to get a peek inside the unique Lubbock ISD facility. The public was shown the outstanding, rigorous, exciting and advanced learning that takes place every day at the ATC.

ATC Career Fair & Open House Equals Success

Exciting Opportunities for Students

CTE prepares students for successful careers through rigorous academic and work-based learning programs, promoting instructional partnerships with business and industry, and increasing awareness of the career opportunities available to students.

- 15 Career Clusters
- 143 High School CTE classes: 42% of all high school courses
- 14 Middle School classes
- 126 Teachers
- 26 Nationally Recognized Industry Certifications Offered and Paid by the District
- 1,216 Nationally Recognized Industry Certifications Earned in 2016
- 26 Classes Offered for SPC College Credit at No Charge to the Student
- 859 Students Earned Articulated Credit with South Plains College
- Paid and Unpaid Internships Provide Work-based Learning Experience
- Student Organizations Provide Opportunities to Compete at the District, State and National level and teach leadership skills and responsibility
ATC Students Receive Awards at Annual Reception

For the nineteenth year, students enrolled in classes at the Byron Martin Advanced Technology Center (ATC) were recognized for their excellence in their classes at an awards reception. Eight students received scholarships and 57 students were named outstanding students in the ATC programs.

Six seniors received scholarships from South Plains College including: Timothy Boomer, Coronado High School; Schuyler Holland, Monterey High School; Alexi Hernandez, Coronado High School; Kaitlyn Willis, Coronado High School; Brook Nugent, Talkington School for Young Women Leaders and Damien Milliorn, Monterey High School. Two students from the Health Science program at the ATC, Logan Laws, Monterey High School and Simone Dickson, Estacado High School, received Polly Kiker Memorial Scholarships. Polly Kiker was an administrator at Estacado High School and began the Health Science magnet program on that campus.

An outstanding student from each of the programs at the ATC was selected and presented plaques made by students in the Construction Technology program. Fifty-seven students received an Outstanding Student award. Click here to see the full list of winners.
Community representatives that serve as members of one or more of the Career and Technical Education (CTE) advisory committees were invited to the Superintendent’s Roundtable meeting to share their comments and ideas this year with Superintendent Berhl Robertson, Jr. Dr. Robertson also gave a district update to those in attendance. There are 165 community representatives that serve on the fifteen CTE advisory committees. The advisors assist with the following:

- Development of curriculum to meet the needs of regional employers
- Determine resources and equipment for programs
- Recruitment of students
- Share current trends in business and industry
- Determine appropriate industry certifications
- Provide student tours of business and industry and classroom presentations
- Serve on employer panels for counselors and teachers
- Participate in the Internship program by hiring advanced students for their organization

Thank you to each person that serves on our CTE advisory committee. You make a difference.

<table>
<thead>
<tr>
<th>Total Student Enrollment for CTE Classes--11,961</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 Middle Schools</td>
</tr>
<tr>
<td>5 High Schools</td>
</tr>
<tr>
<td>Advanced Technology Center</td>
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<tr>
<td>4,980 high school students are in a coherent sequence of CTE courses</td>
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</tbody>
</table>

The Benefits of CTE

CTE has always evolved in response to economic needs in our communities. Today, CTE is a major part of the solution to myriad national economic and workforce problems, such as high school dropout rates, a weakened economy, global competitiveness and massive layoffs. —Association for Career and Technical Education
District Provides Opportunities for Students to Earn Nationally Recognized Industry Certifications

Students in LISD have the opportunity to take Nationally Recognized Industry Certifications before they graduate high school to show their expertise in a particular program area. These certifications allow employers to see that the students have the knowledge and skills needed to be successful in their job. Below is a list of CTE certifications students have the opportunity to earn.

<table>
<thead>
<tr>
<th>CTE Certifications</th>
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<tbody>
<tr>
<td>American Welding Society (AWS) - SENSE Certification D1.1</td>
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<tr>
<td>Adobe Certified Associate (ACA) - Flash Certification</td>
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<tr>
<td>Adobe Certified Associate (ACA) - Illustrator</td>
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<tr>
<td>Adobe Certified Associate (ACA) - Photoshop Certification</td>
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<tr>
<td>Adobe Premier Certified Associate - Premier Professional</td>
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<tr>
<td>ASE Automobile Service</td>
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<tr>
<td>ASE Automotive Service Excellence Certification</td>
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<tr>
<td>ASE Automatic Transmission/Transaxle</td>
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<tr>
<td>ASE A5 Brakes</td>
</tr>
<tr>
<td>ASE A6 Electronic/Electrical Systems</td>
</tr>
<tr>
<td>ASE Engine Performance</td>
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<tr>
<td>ASE Engine Repair</td>
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<tr>
<td>ASE Heating and Air Conditioning</td>
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<tr>
<td>ASE Manual Drive Train and Axles</td>
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<tr>
<td>ASE Mechanical and Electrical Components</td>
</tr>
<tr>
<td>ASE Painting and Refinishing</td>
</tr>
<tr>
<td>ASE Suspension and Steering</td>
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<tr>
<td>AutoCAD Certified Associate</td>
</tr>
<tr>
<td>AutoDesk Inventor Certified User</td>
</tr>
<tr>
<td>AutoDesk Maya Certified User</td>
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<tr>
<td>AutoDesk Revit Architecture Certified Associate</td>
</tr>
<tr>
<td>Certified Patient Care Technician (CPCT)</td>
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<tr>
<td>Comp TIA A+</td>
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<tr>
<td>Cosmetology, Operator License (TDLR)</td>
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<tr>
<td>CPR with Automatic External Defibrillator Certification</td>
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<tr>
<td>C-Tech Intro to Ntwk Cabling: Cooper-Based Systems</td>
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<tr>
<td>C-Tech Intro to Ntwk Cabling: FiberOptic-Based Systems</td>
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<tr>
<td>Floral Design Certification (TSFA)</td>
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<tr>
<td>Food Handler’s Certification</td>
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<tr>
<td>Microsoft Office Specialist - Excel 2010 &amp; 2016</td>
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<td>Microsoft Office Specialist - PowerPoint 2010 &amp; 2016</td>
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<tr>
<td>Microsoft Office Specialist - Word 2010 &amp; 2016</td>
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<td>Microsoft Office Specialist - Access 2010 &amp; 2016</td>
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<tr>
<td>Microsoft Office Specialist - Outlook 2010 &amp; 2016</td>
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<tr>
<td>National Registry Emergency Medical Technician (EMT)</td>
</tr>
<tr>
<td>Nurse Aide, Registered (TX Dept. of Aging and Disability)</td>
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<tr>
<td>Oracle Certified Associate Java SE 7 Programmer Certification</td>
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<tr>
<td>ServSafe Certification</td>
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<tr>
<td>S/P 2 Safety Training</td>
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<tr>
<td>Teen Worker Safety OSHA Certification</td>
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<tr>
<td>Texas Hunter’s Education Certification</td>
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</table>
Floral Design Students Ace State Certification Test

Twelve students in Floral Design classes at Coronado High School recently passed the Texas State Florists’ Association’s (TSFA) Level 1 Floral Certification Test. These courses satisfy the Fine Arts credit required for graduation. Students receive weighted credit in Floral Design and Advanced Floral Design and develop the ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises.

Floral Design classes will be moved to the Byron Martin Advanced Technology Center (ATC) next year, where students from around the district will be able to participate.

CTE Teachers on the Rise

Monterey High School CTE teachers Jane O’Pry and Jessica Lara were honored as Teachers on the Rise sponsored by Mrs. Baird’s and United Supermarkets. O’Pry was recognized at the weekly pep rally and MHS student Tripp Cator represented the student nominators. Lara was nominated by Megan Holeman.
ATC Instructor Named New Teacher of the Year

At the Mid-Winter Texas Industrial Vocational Association (TIVA) conference, Byron Martin Advanced Technology Center IT Instructor, Brandon Grace, was named "New Teacher of the Year" for TIVA/Lota Lambda Sigma (ILS) in Texas.

Grace is also the District 3 Director for Skills USA Texas and is President of Electronics, Engineering and Information Technology Teachers of Texas (E2IT3). He is also on the ballot for Secretary/Treasurer for TIVA Board of Directors.

MHS Computer Science Teacher Recognized

Congratulations to Monterey High School Computer Programming teacher, Jane O’Pry, for receiving the 2017 National Center for Women & Information Technology (NCWIT) Aspirations in Computing Educator Award. The Educator Award is conferred upon educators who have demonstrated a commitment to encouraging young women’s aspirations in computing.

Texas Master Florist

Coronado High School Floral Design teacher, Cassie Sanders, pictured on the right, received her Texas Master Florist certification. The Floral Design program will be offered at the Byron Martin Advanced Technology Center next year for high school students. Students taking Floral Design classes receive weighted credit and it counts as a Fine Arts credit.

Irons MS Teacher Received Two Awards

Lisa Gilbert, Irons Middle School Business and Computer Applications teacher, received two prestigious awards this year including the Warren Shull National Student Council Advisor of the Year award presented by the Texas Association of Student Councils and the Volunteer Coordinator of the Year award from the Volunteer Center of Lubbock. Congratulations, Lisa!
Carol Alonzo, Audio/Video Production instructor at LISD TV was named the Byron Martin Advanced Technology Center (ATC) Teacher of the Year by her colleagues at the ATC. As one of the 18 secondary campus teachers of the year, it was announced that Alonzo and four other teachers were named as finalists for the District secondary teacher of the year. On May 11, Mrs. Alonzo was selected as the Lubbock ISD Secondary Teacher of the Year. She has been in her current position since 2010, but began her career at LISD-TV as a student in 1986.

Kenneth Dixon, Coordinator for LISD-TV, wrote the following in Carol’s application, “Carol’s passion for her students is obvious as we talk daily about how to make the program better. Carol has a way of creating a relationship with every one of her students. She not only teaches, but she guides and advocates for her students. Without a doubt, Carol is one of the top teachers in the Lubbock Independent School District. She truly lives out the district's mission of Every Child, Every Day.”

Advisors Guide CTE Student Ambassadors

Six CTE teachers, pictured to the right, were selected to be advisors for the CTE Student Ambassadors program this year. The teachers designed a training session for the ambassadors and accompanied them to elementary and middle school career fairs, high school open houses, presentations and more. This year’s program was an outstanding success because of these teachers.

Shannon Gray Named SkillsUSA District 3 Advisor of the Year

DYK: Forty-three percent of young workers with licenses and certificates earn more than those with an associate degree; 27 percent of young workers with licenses and certificates earn more than those with a bachelor’s degree; and 31 percent of young workers with associate degrees earn more than those with a bachelor’s degree. (Georgetown University Center on Education and the Workforce, Valuing Certificates, Presentation, 2009)
Four Lubbock ISD Students Win at State TAFE Contest

Four students in the Ready, Set, Teach program won state Texas Association of Future Educators (TAFE) competitions and earned a trip to the national competition Educators Rising - Future Educators of America in Phoenix, Arizona in June 2017.

The winners are: Abbi Rodriguez, Lubbock High School senior, Job Interview; Lubbock High School seniors Roxanne Rodriguez and Katelyn Maldonado, Children's Literature K-3; and Adely Jurado, Coronado High School senior, Exploring Careers in Support Services.

Ready, Set Teach courses at the Byron Martin Advanced Technology Center (ATC) offer LISD high school juniors and seniors an opportunity to experience being a teacher in elementary classrooms with a mentor teacher. Students gain background knowledge of child and adolescent development as well as principles of effective teaching and training practices.

HOSA Students Qualify for State

Twenty-three Lubbock ISD Health Science students competed against more than 500 students in the Area 4 Health Occupation Students of America (HOSA) Spring Leadership Conference in Canyon, Texas, January 20-21, 2017. Six students advanced to the HOSA State conference in Corpus Christi, March 31-April 2, 2017.

The students that won 1st – 3rd place at the Area competition were: Kaitlyn William, Coronado HS and Logan Laws, Lubbock HS, Community Emergency Response Team (CERT) Ahryana Lusk, Monterey HS, Prepared Speaking Veronica O'Brian and Tamara Awinja, Talkington YWL, Medical Spelling Chayan Manna, Lubbock HS, Pathology.

UIL Team Sets New Record

LHS Computer Science team set a new LHS record scoring almost 1,000 points. They finished 1st place in District, 1st place in Regionals and 4th place in State. Congratulations!
FCCLA Students Place at Region and State

Lubbock ISD students in Family, Career and Community Leaders of America (FCCLA) participated and won numerous awards in Region I FCCLA conference and one student, Ally Hurst, placed 5th at the State FCCLA competition with her Fashion Design apparel.

Coronado High School FCCLA members placed in the following categories:

**Fashion Design**
- 1st Place: Addison Hurst
- 2nd Place: Ally Hurst

**Career Investigations**
- 5th Place: Jonathan Lavato

**Mystery Basket (Culinary)**
- 3rd Place: Devon Hocog
- 5th Place: Victoria Johnson
- 6th Place: Blythe Brock

**Culinary Arts**
- 2nd Place Team: Matt Everett, Briana Soto and Tristen Rios
- 5th Place Team: Josie Hopkins, Mercedes Arcos and Anna Guajardo.

Click here for a list of additional winners.

CTE Students Advance to National SkillsUSA Contest

Career and Technical Education (CTE) students from ten CTE programs competed at the SkillsUSA Texas state competition last weekend in Corpus Christi and returned with multiple awards.

Lubbock High School student, Michael Esparza, and Coronado High School student, Santana Cruz, won gold medals in Mobile Electronics Installation and Residential Installation and Maintenance, respectively. They will compete at the national contest in June in Louisville, Kentucky. This is the third consecutive year a Lubbock ISD student has won the state competition in Mobile Electronics Installation. Last year’s winner, Harley McGuigan, won gold at the national competition.

Click here for a list of additional winners.
Students Participate in Annual Local Stock Show

The Agriculture, Food and Natural Resources program hosted the annual Local Stock Show at the Lubbock ISD Ag Farm. More than 100 Coronado and Monterey FFA ag students showed rabbits, lambs, goats, swine and a steer for competition. The winners of this show advanced to the county stock show.

Career and Technical Education Month

February was designated by the Association of Career and Technical Education (ACTE) as "CTE Month."

During the month, numerous activities took place including many Fox 34 "Look Around Lubbock" segments with Tierra Newbaum, highlighting CTE programs.

High school and middle school CTE teachers coordinated CTE Month activities for their school and also thanked their school counselors during Counselor Appreciation Week.

Lubbock High School tweeted exciting events about CTE courses to students, teachers and administrators while Coronado HS students assembled and distributed stress balls for all teachers.

Click here to view the videos produced by Fox Look Around Lubbock promoting CTE programs in our district.

Ag Students Help U Can Share Food Drive

MHS Agriculture students, teachers and administrators have helped with the South Plains Food Bank, U Can Share food drive for many years. Pictured organizing the barrels above L to R: Ryan Gamez, Jalen Benton, Victoria Castillo, Staten Rush, Mrs. Hastings, Arron Johnson, Principal Jack Purkeypile, Josh Campo and Isaiha Peralta.

Tierra Neubaum in Fashion Design at Lubbock HS with student, (left) Raina Darty and teacher, (right) Dr. Maria Teresa Leos-Duemer
Business Management and Administration

State Champion at CHS Crowned

Congratulations to these CHS students who competed in the State Academic UIL contest in Accounting. In District, Regional, and State competition these students set records and earned top spots this year. These students finished 2nd place with the 2nd highest team score in the state. Senna Firouzbakht finished 1st place in Accounting and was named your State Champion. Congratulations to these outstanding students and teacher. Click here to view more results.

Alex Dugan finished 8th place in State and 1st place in District and Regionals. Jordan Olivas finished 4th place in State and 3rd place in District and Regionals. Maggie Garcia was a State Alternate and finished 2nd place in District and 4th place in Regionals.
Construction Technology Builds 16th Home

Lubbock ISD students in the Construction Technology class at the ATC built their 16th Habitat for Humanity house this year in the back parking lot of the ATC. Since its inception, the Lubbock ISD has partnered with Habitat for Humanity and more than 800 Construction Technology students have constructed 16 houses for families in need of a home.
Culinary Arts Showcase Huge Success

In its second year, the Culinary Arts Showcase, held on Thursday, November 16, 2017, proved to be as successful, if not more, than last year’s. Sponsored by the Lubbock Restaurant Association, the showcase highlighted the culinary efforts of students from Coronado, Estacado, Lubbock High, Monterey, Lubbock Cooper and Frenship High Schools. Held at the Lubbock High School cafeteria, there was more than enough room and food for the 500 attendees. This year, representatives from the culinary industry judged each school’s cuisine. The criterion for winning the Judges Choice award was presentation and taste of the food as well as student involvement. For the second year, the Estacado High School Culinary Arts program placed 1st at the showcase.

The winners: Estacado High School Culinary Arts team L to R: Brittny Hernandez, Domyno Rodriguez, Destiny Rodriguez-Ford, Victor Maldonado-Briones and Draven Rivera

Culinary Arts students at Monterey High School experienced an exciting and unusual day on their campus as Executive Chef Cameron West, Coronado HS alumnus and owner of The West Table, demonstrated the art of butchering in their culinary lab. West serves on the Culinary Arts Advisory Committee and agreed to make this presentation to Kirstie Storm’s MHS students. "My students had a great time learning the proper procedures for butchering," Storms said. "He left us the meat, so it looks like we will be coming up with something delicious."

CNA Students Interview for Jobs at Covenant

Emily Perez, recruiter for Covenant Health System and an advisor on the Health Science Advisory Committee at the Byron Martin Advanced Technology Center, gave seniors in the Practicum in Certified Nurse Assistant (CNA) class a unique opportunity. The students interviewed for CNA openings at Covenant Medical Center. Recently, the students passed both the written and hands-on portions of the CNA certification test which made them eligible to start immediately at Covenant.

Kaitlyn Willis, Coronado High School senior, interviews for a CNA position with Matt Mitchell, Covenant Medical Center
Ready, Set, Teach Program Celebrates Future Educators

Twenty-three Lubbock ISD seniors in the Ready, Set, Teach (RST) program celebrated the completion of the RST program at a reception hosted by the Lubbock ISD Human Resources department at Lubbock Christian University. After presentations from Superintendent Dr. Berhl Robertson, Jr., Assistant Superintendent for Human Resources Rick Rodriguez, and Lubbock ISD’s two teachers of the year, Daniela Torres and Kimberly Thomas, the students received their certificates of completion.

A highlight of the reception was a presentation by Paige Stout, a 2017 graduate from Lubbock Christian University who was a Ready, Set, Teach student her junior and senior year in high school and is a 2014 Lubbock ISD graduate. She will teach math next year at Irons Middle School.

Ready, Set, Teach is a program that allows high school juniors and seniors who want to be teachers an opportunity to explore the reality of teaching in an elementary classroom while still in high school.

Lubbock Firefighter Speaks to EMT Class

Celebrating Fashion with American Music Awards

The 5th Annual LHS Fashion Show was held May 11 and this year’s theme was Celebrating Fashion with the American Music Awards. Students in Dr. Maria Teresa Leos-Duemer’s Fashion Design classes refurbished gently used clothes or designed and made new clothing for the show.

More than 175 students in each of the four programs in the Family Consumer Science department at LHS took part in the fashion show. The cosmetology students did the hair and make up for the models; culinary arts provided the refreshments and students in the career prep class designed the stage decorations and table decorations.

Lubbock Firefighter, Lieutenant Matt Hixson, shows Chris Quigley, Monterey High School senior, how to correctly put on the firefighter suit which weighs more than 40 pounds. Hixson also spoke to students in the Practicum of Health Science II – Emergency Medical Technician (EMT – Basic) class about the education and procedures needed to become a paramedic, EMT and firefighter. Chris plans to pursue a career as a firefighter.
ATC Students Win Awards at SPC Idigi Fest

The South Plains College (SPC) Design Communications Club, DeComm, hosted the 8th Annual Idigi Fest, a digital arts festival, and 120 students in digital art classes at the ATC entered artwork in the festival competition.

Students received 27 gold, 50 silver and 31 bronze medals. The students are enrolled in ATC classes that include Digital Graphic Illustration, Commercial Photography, Animation and 3-D Graphic Modeling and Animation.

Six Lubbock ISD students each received a $500 scholarship to SPC for their outstanding artwork: Schuyler Holland, Marcus Gamboa and Damien Milliorn from Monterey High School, Carson Sanford and Timothy Boomer from Coronado High School and Angelica Cuellar from Estacado High School.

LISD-TV Students Win Award at Global Contest

LISD-TV received a Star Award for best video documentary in the mid-sized district category at the Texas School Public Relations Association (TSPRA) Conference this week.

Station manager Kenneth Dixon, shown in photo, accepted the award for a documentary about the 30th anniversary of LISD-TV. He credited A/V Production Instructor/Staff Producer, Carol Alonzo, for her work on the project.
ATC Student Designs Youth Art Month Poster

John Fredenburg, Lubbock High School senior, in Pat Fritz’s 3D Graphic Modeling and Animation class at the Byron Martin ATC designed this year’s Youth Art Month poster. The poster was used to promote the showing of student art during March at the Lubbock Municipal Garden and Arts Center.

EHS Students Compete in SkillsUSA

EHS students participate in Felony Traffic Stop and Building Inspection competitions through SkillsUSA. Pictured L to R: Tony Chavez, teacher, Victor Ibarra, Maria Reyes, Eliseo Valdez, Adam Sauceda, Josh Herrera and Lubbock ISD Police Officer Grams. Grams was instrumental in working with the students in their techniques for the competitions.

Estacado High School’s Law, Public Safety, Corrections and Security program with new teacher, Tony Chavez, is a popular program at EHS and students may enroll in these classes: Principles of Law, Law Enforcement I and II, Court Systems and the Internship in Law program. The Forensic Science class in this pathway is offered at each high school. Next year, during the 2017-18 school year, classes in the program will be offered for Coronado, Lubbock, Monterey and Talkington High School students at the ATC. Estacado HS will continue to offer this program on its campus.

Lubbock ISD Students and Teacher Win NCWIT Awards

Monterey High School NCWIT winners front row, L to R: Alexis Mills, Rachel Clifton, Emma Clifton, Kalli Williams and Alegra Reyna. Back row, L to R: Mrs. O’Pry, Maureen Gloria, Tiana Shobe and Emily Martinez. These female students won awards at the National Center for Women in Information Technology (NCWIT) Summit at West Texas A&M University.

Jasmine Lucero, Lubbock High School, 2nd year NCWIT winner. Jasmine will lead a summer camp for girls in grades 4-8 at AspireIT.
SkillsUSA Delegation Visits Washington, D.C.

A delegation of Career and Technical Education (CTE) students and instructors from Lubbock ISD met with Senator Ted Cruz last week as part of the SkillsUSA Washington Leadership Training Institute (WLTI). The delegation also paid respects at the Tomb of the Unknowns and the Pentagon 9-11 Memorial.

The five-day WLTI provides students an opportunity to learn about Washington and the democratic process. During the Congressional visits, this year's delegation discussed the value of their education; the value of public career and technical education to their respective states; the quality of their education and training; their occupational plans; and, the benefits of their participation in SkillsUSA. They explained that today's workplace requires people with leadership, teamwork and communication skills to participate in high-quality systems. SkillsUSA has been successful in developing these skills in students of all ages and backgrounds.

This year, 426 students and instructors from 29 states attended the conference.

MHS Robotics Competes in FIRST and BEST Robotics

The Monterey High School Robotics “IRON Plainsmen” team competed in the Alamo regional of FIRST Robotics in San Antonio April 7-8, 2017, and did an awesome job finishing 4th overall after the qualification rounds on Friday and Saturday morning. This earned them a spot in the quarterfinals as an alliance team captain, a first for the program. In the quarterfinals, the “IRON Plainsmen” lost two very close heartbreaking matches. These kids did a great job and represented Monterey HS well against some very prestigious competition.

The Iron Plainsmen, placed second in the overall BEST Robotics competition and received fifth in Spirit and Sportsmanship.

STEM Student Designs and Prints 3D Drone

Travis Mehner, Lubbock High School senior, stated, “I was amazed. It flew the first time I tried it. It was great.” He was speaking about the drone that he designed using Inventor and Fusion 360 CAD programs and then printed on a 3D printer. Travis is enrolled in the Engineering Design and Presentation class at the Byron Martin Advanced Technology Center (ATC).
Atkins MS Wins STEM Challenge at Texas Tech

Atkins Middle School 6th grade Project Lead The Way (PLTW) and Society of Hispanic Professional Engineers junior chapter members participated in a STEM challenge at Texas Tech University. Engineering students from Tech mentored students and spoke to them about careers in engineering. The picture shows the STEM challenge winning team!

Smylie Wilson Participates in Annual Engineering Fair

The world of engineering is all about solving problems. Students in Derrick Ramsey’s Engineering classes at Smylie Wilson Middle School solved numerous problems when they designed and built projects for the 3rd Annual Engineering Fair.

The student’s projects including such items as: simple machines, bridges, a Sterling engine, a hydraulic arm with syringes and more. Three years ago 27 students participated in the Engineering Fair and this year more than 90 students demonstrated their projects to family, friends and Smylie MS staff and teachers.

Students from College of Engineering at Texas Tech University served as judges and visited with the middle school students about what problem solving techniques they used to complete their project.

Two LISD Robotics TEAMS Advance to State

Two Lubbock ISD robotics teams advanced to the state competition at the BEST (Boosting Engineering, Science and Technology) robotics competition at Monterey High School last weekend.

Evans Middle School students in Nathan Haltom’s Industrial Technology and Gateway to Technology classes placed fifth out of 19 high school and middle school teams in the competition.

The Monterey HS robotics team also advanced to state.
O.L. Slaton Middle School STEM Challenge Champions

A week-long summer camp turned out to be much more than middle school students expected. During the 3rd Annual LISD/Texas Tech University Summer STEM Challenge students from each of LISD’s middle schools built a hover craft then raced it across the Coronado High School cafeteria. In this Science, Technology, Engineering and Math (STEM) challenge students were given random materials and were provided plywood, tarps, duct tape and leaf blowers to use in building their craft. The purpose of the challenge is to teach students to problem solve and to introduce them to physics, laws of motion and more. Congratulations to O.L. Slaton Middle School STEM students for winning the 3rd Annual Summer STEM Challenge.

Evans FCCLA Students Win Awards

This year, students in Evans Middle School Skills for Living classes participated in the Family, Career and Community Leaders of America (FCCLA) Area competition. The students placed first in the National Programs in Action - Student Body competition and for their project, Benefits of Breakfast.

These students and their sponsor, Ivanka Boling, also participated in the State FCCLA competition in Dallas, Texas, April 7-9, 2017.
Student Ambassadors Share their CTE Experiences

In its second year, the Career and Technical Education (CTE) Student Ambassador program has seen phenomenal success. The 36 student ambassadors have shared their CTE experiences with elementary and middle school students during career fairs and during College and Career Week. They have made presentations to 8th graders prior to the signing of their Personal Graduation Plan (PGP) and they have been present at each high school’s open house.

EMT Students Participate in Mock Community Disaster Drill

High school seniors in the Practicum of Health Science Emergency Medical Technician (EMT Basic) class (pictured right on stretchers) participated in last week’s mock community disaster drill. The students were the patients that were taken care of by fire fighters, nurses, doctors and other first responders in the Lubbock community. The EMT class is offered at the Byron Martin Advanced Technology Center (ATC) along with eight other Health Science classes. Upon completion of this course, students may take the National Registry of EMT exam. Students must be 18 years of age to sit for the exam and are responsible for additional clinical rotations after graduation from high school.

Principles of Biomedical Science Begins at MHS

MHS Biomedical Science students Ethan Morgan (left) and Tobias Solis (right) sketch the scene while Raeleigh Perez, Emily Scoggin and Darelyn Ramirez discuss their findings.

CHS Competes in FIRST Robotics

Coronado High School META Robotics team L to R: Nancy Schunke-Coach, Michael Key, Bradley Wilkins, Jesse Garcia, Shawn Sandwick, and Tony Luna.
CTE STAFF

Jill Berset
Director
(806) 219-2803
jberset@lubbockisd.org

Lisa Dudding
Coordinator
(806) 219-2807
ldudding66@lubbockisd.org

Sandra Hester
CCR Specialist
(806) 219-2816
shester@lubbockisd.org

Diana Caudillo
Secretary
(806) 219-2834
dcaudillo63@lubbockisd.org

Byron Martin
Advanced Technology Center
3201 Avenue Q
Lubbock, TX 79411

CTE had another amazing year. I am so proud of all that has been accomplished. Our teachers are so passionate about providing opportunities for our students as evidenced by all of the great stories shared in this newsletter.

Our student organizations are teaching leadership skills and showcasing the talents of our students. More than 150 students competed at the state level this year in TAFE, SKILLS, HOSA, FFA, and FCCLA. I appreciate all of the work it takes to prepare students for these high stake competitions. We also have several students moving on to national competitions this summer. The time and dedication of these students and their sponsors is greatly appreciated.

We also have wonderful support from our business and community as evidenced by our strong advisory committees. Committees meet twice per year and help us provide input on the needs of our local employers, industry certifications, and labor market demand. Several businesses are coming straight to our campuses to interview students for jobs and they have found that we provide a pipeline of students that are prepared to enter the workforce right out of high school. Thank you to all that participate.

We have been given a great opportunity to expand our CTE programs with the move of South Plains College into their own building. The growth of programs at the ATC will provide numerous new programs and space for high growth programs. The investment by LEDA to assist in remodeling and purchasing of equipment will provide labs needed to prepare students for careers and college. United Supermarkets continues their support for our culinary and floral design programs and we are looking at additional programs that can provide a direct pipeline to meet their employment needs.

Our CTE staff is also doing amazing work to support teachers in the classroom, assist in industry certifications, help students earn college credit, and more. Thanks to everyone for another successful year!