

Informational Report

Career and Technical Education Programs Information

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The Career and Technical Education (CTE) courses and Holden High School (HHS) continue to grow and evolve as student needs and numbers fluctuate. Outlined below, by content area, are the courses offered, current enrollment numbers, and highlights of student accomplishments from fall of 2017 to present.

Agriculture: The Holden High School Agriculture Department strives to offer opportunities in a wide variety of ag-related career areas for our students with an emphasis on hands-on, problem-solving, and community-based learning. We are tremendously grateful for the incredible community support we receive, including our FFA Alumni, as well as the outstanding administrative support that we can always count on. We work to provide the most meaningful learning environment possible through the classic agriculture curriculum model of: Instruction, FFA, and Supervised Agricultural Experience.

INSTRUCTION:

2017-2018 Ag Classes and Enrollments:

- Agricultural Science 1 - 50
- Ag Construction - 20
- Greenhouse - 26
- Intro to Mechanics - 24
- Animal Science - 18
- Conservation - 18
- Dual Credit Animal Science - 3
- Welding - 20

Our unduplicated enrollment is 123. Our Paid FFA Membership is 97. Our enrollment is 58 percent male and 42 percent female. When surveyed, career interests of our students breakdown as follows:

- Ag Mech and Technology - 37 percent
- Animal Science - 25 percent
- Natural Resources - 13 percent
- Plant Science/Horticulture - 13 percent
- Ag Business - 8 percent
- Food Science - 4 percent

SAE:

Each student is required to have an Supervised Agricultural Experience Program (SAE) and keep records. SAEs vary greatly from traditional livestock and crop operations to agricultural research and community service. Students may also chose a path of entrepreneurial or placement or a combination of the two as they implement their SAEs. Our most current records indicate we have 26 students with entrepreneurial SAEs; 22 with placement SAEs; and 85 with combined entrepreneurial and placement SAEs. SAE is a vital part of what we do as FFA.org statistics indicate 62% of Ag Ed students are employed compared to the US young adult average of 37%.

We are currently in the middle of a complicated process of transitioning our record books to an online version called theaet.com. We are early adopters with this technology, which creates some unique challenges, but feel it is worth it to get our students ahead of the curve as we expect the state to mandate this record book in the near future.

FFA

Holden FFA has a rich history in our community. Almost every week (and I'm not kidding) I meet someone who will share with me how much Ag and FFA have meant to them in their lives.

Coincidentally, this includes my father-in-law, Jim Bruns, who loves to share stories of when he was in Holden FFA. FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

History - Chartered 1939 with 28 members

1987 - 42 members

Currently - 97 members

American FFA Degree - 91 recipients to present

State FFA Degree - 134 recipients to present

Chapter FFA Degree - Varies annually

Greenhand FFA Degree - Varies annually - 37 this year

Teams currently training: Meats / Entomology / Dairy Cattle / Horse Evaluation / Ag Mechanics / Livestock

Area Contest: 5 Area Degrees (Brittney Bruns / Michael Guthridge / Cole Remington / Allie Stahl / Dax Vogler)

Extemporaneous Public Speaking – 1st Place - Shea Fitzgerald

3rd Place Chapter Scrap Book - Airyn Guinn

State Contest: 4 State Degrees Degrees (Brittney Bruns / Michael Guthridge / Cole Remington / Allie Stahl)

OTHER ACTIVITIES

Leadership

Washington Leadership Conference – 3 Students participating this year (Mark Andes, Emilie McLennan, Levi Rockhold)

National Convention

State Convention

State FFA Leadership Camp

State Leadership Medals

Area Officer Institute

Chapter officer training

Community Service

Street Fair Setup and Takedown

Food Pantry

Landscaping (School/HAMA)

Help a Friend

Egg Your Yard

FFA Trap Team

Assistant Coach: Matthew Miller

15 students participating. Two have achieved their first 25 straight this past year (Forrest Hertzog and Cole Remington) with several others knocking on the door.

We finished 2nd in our Area FFA Competition and had the 2nd high individual (Forrest Hertzog).

District Competition will be at Linn Creek on 4/8/18

State Competition will be at Linn Creek on 4/28/18

GRADUATES (a few recent and future):

Alex Haun - Studying Ag Business at UCM and farming

Gene Collins - Studying Ag Education at UCM

Jessica Farmer - Raising specialty rabbits, preparing to become a ARBA Certified Judge, studying at UCM.

Cody Bruns - Working heavy construction and equipment

Jeremiah Seaman - Pipefitters Apprentice

Eric Thomason - Farming and studying to be First Responder

Charisty Barker - Studying Welding at State Fair Community College

Rylee Streit- Studying Horse Science at South Dakota State University

Nathan Haun - Farming and studying to be a crop adjuster

Austin Loveall - Enrolled in Foley-Cat Diesel Program at Linn State University

Cole Remington - Planning to be an Ag Teacher and enroll at NWMSU

Shea Fitzgerald - Planning to go into Ag Research and enroll at OK State or Arkansas

Michael Guthridge - Cabinet Maker, finish carpenter, or Missouri Welding Institute

Ally Stahl - Horse Entrepreneur

Jake Hicklin - Planning to be a heavy-equipment operator or attend Missouri Welding Institute

Anna McConville - Planning to attend Missouri Welding Institute

Several students looking at Welding Schools.

Business:

Holden Business Dept. 2017- 2018 Class Enrollment

Leadership - 10

Personal Finance - 67

Computer Application - 95

Entrepreneurship - 7

Computer Programming - 10

SBE - 4

Intro to Business - 13

Business Technology - 7

Desktop Publishing - 17

Graphic Arts - 18

Leadership Class:

- Students planned, organized and hosted an activity, including a working lunch, multiple activities with the Life Skills class.
- All students applied for and were accepted as” Class A” volunteers with Special Olympics Missouri (SOMO)
- All students were Special Olympics “Buddies” and helped with the SOMO Track meet in Odessa Fall 2017, will serve as “Buddies” Holden SOMO event May 9 2018
- Class members Dec 2014 Board Meetings.
- Class members attended at Chamber of Commerce Meeting _____, served breakfast goodies and coffee from HHS Coffee shop and will attend April 2018 meeting
- Students have helped increase inclusiveness and community building by:
 - Planning and conducting a structured activity each semester with the Life Skills class
 - traveled to Holden Sr. Center and shared with the Seniors the programs and projects taking place at the high school.
- Students continue to run the recycling paper at the high school – this is an ongoing activity – including members of the Life Skills class on their respective recycling teams.
- Students are active in “Project Unify” by supporting the Holden Special Olympic athletes and developing activities to promote inclusiveness and understanding.
- Students learned business communication basics: writing press releases, writing meeting agendas, creating treasurer’s reports, writing meeting minutes, conducting meetings and writing thank you letters and notes.
- Students supported counselors providing funding for families in need at the Holidays
- Students planned and conducted a fundraiser to benefit a young cancer patient (Brynn McCartney)
- Near future “Compliment Day” in which each high school student will receive an anonymous compliment from another student
- Planned and conducted a blood drive for the American Red Cross
- Planned and conducted a Veteran’s Day assembly
- These students have also done a wonderful job supporting teachers and classmates – when a need for help has arisen, they have been eager to get involved.

Desktop Publishing(DTP)/Multimedia students continue to create projects in which they learn and apply design skills and technical skills, as well as reinforce math and communication skills. Up to date industry standard software and equipment help tremendously as they compile digital portfolios.

Two of these students (Maddy Harrison and Kylee Falk) have been accepted into the Summit Tech Digital Media program for the 2018_2019 school year.

Last semester Graphic Arts students designed a logo for Matt Barker as part of his campaign for state office in FBLA.

- Students recently completed designing 2018 Prom Tickets

Provide examples of student work

GA/DTP/Multimedia classes have benefitted from a DESE vocational business grant providing additional equipment. Computer workstations with up-to-date computing capacity and monitors necessary for running increasingly sophisticated software such as the Adobe Creative Suite were installed. Additional cameras decrease student “wait” time to work on assignments and projects requiring cameras. An upgraded color printer allows students to design and print high quality samples of their work.

DC Personal Finance - summer 2017 students had the opportunity to travel to the Kauffman Foundation and experience a session of “A Million Cups” (an international community that operates much like Shark Tank) and visit the 10th District Federal Reserve Bank

Personal Finance students continue work on budgeting skills through the H&R Block Budget challenge. Student are able to select their 401K contributions, pay bills and budget their money. Throughout the challenge, they are several emergency they may face such as their house being broken into and they have to pay the deductible on their rental insurance and file a claim. The student also work on credit management, resumes, cover letters, taxes and paycheck.

Computer Application students continue to work with Microsoft Word, Excel, PowerPoint, Access and Publisher. Earlier this year I was able to receive new e-book from BE publishing that provided more updated activities. Students are also working with cloud saving. They are learning to use different tools such as Google classroom to complete their work and submit. Through Google classroom, the students are able to collaborate on different projects. One of the projects they had to collaborate on was their texting and driving project. The student also had to create a PSA discussing the effect of texting and driving.

Business Technology students continue to work on career / college readiness. The students also participated in MOCK interviews with F & C Bank. They were able to take a tour of the bank and understand the behind the scene work of a Community bank. For most of the students this was their first opportunity to a more professional interview process. During the interview, they were able to receive great feedback on how to improve and be ready for a professional interview. At the end, the students were able to talk to the President of the bank and ask questions. This is the 6 semester of taking the students to a different learning environment and I hope to continue the experience.

Entrepreneurship students continue to understand the concepts of starting a business. This year, the students had a chance to also become Microsoft Office Suite certified (MOS). The student had to also create a business, write a business plan and present their business to the class.

Computer Programming is a semester class. This year the student are working on a video game design course. The students are learning how to:

- Code games
- Work with clients to understand their needs.
- Learn the design process and apply it to game coding.
- Understand Target Audience and how to build engagement.

The students started the course by creating a flying monkey game but collecting some data. The purpose of the flying monkey game was to give the students the chance to play with some basic physics before modeling an object's movement in a game. They ran some experiments and collect some empirical data, repeated the flight of the monkey at different angles while maintaining the same level of energy or "thrust."

The remaining of the semester, the student are developing a game. They have different phases to complete along the way while learning new skills. The first phase is defining the problem. They are given a client that has a problem and they have to define what that problem is and how they will solve that problem. Phase two is identifying the constraint and criteria. Within this phase, the students are learning about if/then statements, fair use, piracy and many other things. Phase three is research and investigate. Phase 4 is brainstorming. During the brainstorming phase the students had to create a storyboard. Phase 5 is creating a prototype and the last phase is test and evaluate their game. The programming language the students are utilizing are Basic and some Java Scripts.

Supervised Business Experience (SBE) Currently *four* students are taking advantage of the opportunity to participate in SBE. The student are allowed to work and earned a class credit. The students have to report their hours and timesheets every two weeks.

FBLA – Currently has 27 active members – each competed in multiple events at the district level.

State Qualifiers:

At district competition, we had a few students that also place in top five.

- Brittany Morrow took 5th in Cyber Security and 3rd in Intro to Parliamentary Procedures
- Ashley Whitin took 4th in Business Law
- Blake Rickerson took 4th in Intro to Financial Math
- Matthew Barker, Levi Rockhold and Andrew Hyatt took 3rd in Hospitality Management.

Matthew Barker also became the District 10 President for the 2018-2019 school year and will also be representing Holden High School as a State officer.

Business Achievement Awards

The Business Achievement Awards (BAA) is a high school leadership development program. The co-curricular activities are aligned to the career clusters, NBEA standards, and FBLA goals. Students enhance their leadership skills, expand their business knowledge, contribute to their local communities, and earn recognition by immersing themselves in their school, community, and FBLA programs. Chapter advisers direct students through each level, while students work at their own pace to independently complete projects. There are four levels of the BAA, with each level increasingly challenging your high school students to expand their leadership skills and showcase their talents:

- 1 student have completed their Future and Business Award and are working to complete their Leader level.
- 1 student completed their America level which is the highest business achievement level.

Community Service Awards (CSA) recognize members with extraordinary commitment to community service. It has three levels:

CSA Community (50 hours)

CSA Service (200 hours)

CSA Achievement (500 hours)

- 3 students received their Community Awards
- 1 student received their Service Award
- 1 student received the Achievement award

Mrs. Burnett, Mrs. Darden and 13 FBLA members attended the National Fall Leadership Conference St Louis MO.

Application for a DESE enhancement grant to upgrade dated equipment and software has been completed with help from Mrs. Swope.

We extend our thanks to the technology committee, the administration and the technology department for their support of improvements.

Both career and technical business educators continue to be active members in the Missouri Business Education Association, the West Central District Business Educators Association and Future Business Leaders of America (FBLA). They also continue to serve on state and local committees and attend professional development activities. They will be attending the Missouri ACTE conference in summer 2018 as they have done every year.

Mrs. Burnett is part of a team working on financial literacy curriculum for the National Jumpstart Coalition. Mrs. Burnett also recently worked on revising Personal Finance curriculum at DESE.

Family and Consumer Sciences: The Family and Consumer Science (FCS) departments continues to maintain a variety of course offerings each year to the students of HHS. However, due to the department being operated by one full-time instructor, some courses, although continually offered, are taught on a rotating basis to comply with the standards set by the Department of Elementary and Secondary Education (DESE). The course offered each year include: Exploratory FCS: Leadership, Entrepreneurship, and Life Skills, Foods I, Foods II, Creative Foods, Child Development I, Child Development II, Housing Styles and Interior Design, and Fashion History and Design. The department continues to have an affiliated and active chapter of Family Career and Community Leaders of America (FCCLA).

For the 2017/2018 academic year, the total number of FCS students is . The numbers are dispersed as follows:

Career and Family Leadership (Exploratory FCS)- 50 students

Foods I - 35

Foods II - 35

Creative Foods - 9

Housing Styles and Interior Design - 9

Fashion History and Design - 8

Again, due to the Child Development and Design class sequences being alternated each year, number fluctuation is expected. Per current enrollment forms, many current Career and Family Leadership students plan to continue taking FCS classes throughout their high school career.

Within the FCS classroom, many things have been accomplished and created. The Career and Family Leadership classes once again worked as individual teams and work towards the greater good for their class impact project. One section choose to raise funds to benefit Children's Mercy Hospital and the other the Red Cross. They practice valuable life skills such as cooking, clothing repair, money management, and career exploration too. The Foods student continue to learn food science principles and

have fun creating new recipes and participating the the much loved Cupcake War. The Creative Foods students learn new cooking methods and prepare advanced dishes in a small class setting that is professional and nurturing. The return of the design classes have allowed student to learn new material and express their creativity by following design standards and principles. Their work has been showcased outside of the classroom and will also be on display at the University of Central Missouri's annual Haute Trash Fashion Show on April 17th at the University Ballroom. Students who have taken FCS courses continue to do well outside of the classroom as well. Trevor Shannon, a 2016 HHS graduate is studying at L'ecole Culinair and is training to be a Sous Chef. Brittany Savage, Maura Price, and Ramsey Pine, 2017 graduates, area also pursuing careers in the culinary arts by studying and working at Ozark Technical College in Springfield,MO. The food industry is not the only field of work being influenced by our past students, Sydney Rains, a 2016 graduate, and Karlie Rupard, a 2017 graduate are working towards completing degrees in Early Childhood and Elementary Education. Many students choose to work in local restaurants and daycare facilities in Holden and surrounding areas and are better equipped due to the FCS courses they have taken. Finally, FCCLA has continued to lead through example by hosting the 4th Annual Thanksgiving Food Basket Drive and fed 25 families this past fall. They have traveled to leadership conferences in Sedalia and The Lake of the Ozarks, and for the first time in many years, competed in regional events. Allison Holsey earned a silver ranking for her Career Portfolio project focused on becoming a music educator.