

# Bowie CTE Pathways & Electives



\*All courses are subject to availability  
Courses must be taken in sequential order  
unless otherwise noted.

## Agricultural Science- Veterinary Science

- Principles of Ag, Food, & Natural Resources
- ↓
- Small Animal Management (0.5 credit)  
AND
- Equine Science (0.5 credit)
- ↓
- Veterinary Medical Applications
- ↓
- Advanced Animal Science  
AND/ OR
- Practicum in Ag- Veterinary Medicine- 2 Credits (TA)

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- Horticulture Science (10<sup>th</sup>- 12<sup>th</sup> Grade ONLY)

## Business Management and Administration

- Business Information Management  
AND/OR
- Principles of Business, Marketing, & Finance
- ↓
- Money Matters
- ↓
- Accounting 1
- ↓
- Business Management

## Finance and Banking

- Business Information Management  
AND/OR
- Principles of Business, Marketing, & Finance
- ↓
- Money Matters
- ↓
- Accounting 1
- ↓
- Accounting 2

## Graphic Design

- Graphic Design & Illustration 1 w/ Lab  
(STAAR Reading & Writing Standard Met)
- ↓
- Graphic Design & Illustration 2 w/ Lab
- ↓
- Practicum in Graphic Design & Illustration 1 (2 Credits)

## Animation

- Graphic Design & Illustration 1 w/ Lab
- ↓
- Animation 1 w/ Lab
- ↓
- Animation 2 w/ Lab
- ↓
- Video Game Design

## Yearbook

- Yearbook 1/ Principles of Arts, A/V & Communication  
(STAAR Reading & Writing Standard Met)
- ↓
- Yearbook 2/ Graphic Design & Illustration I w/ Lab
- ↓
- Yearbook 3/ Journalism Independent Study
- ↓
- Yearbook 4/ Graphic Design & Illustration 2 w/ Lab

## Commercial Photography

- Photo 1/ Principles of Arts, A/V, & Technology
- ↓
- Commercial Photography 1 w/ Lab (TA & DSLR Camera)
- ↓
- Commercial Photography 2 w/ Lab (TA & DSLR Camera)
- ↓
- Practicum in Commercial Photography 1- 2 Credits (TA & DSLR Camera)

## Newspaper

- Photo 1/ Principles of Arts, A/V, & Communication
- ↓
- Newspaper 2- Graphic Design & Illustration 1 w/ Lab
- ↓
- Newspaper 3- Journalism Independent Study
- ↓
- Newspaper 4- Graphic Design and Illustration 2 w/ Lab

## Journalism

- Journalism 1  
(STAAR Reading & Writing Standard Met)
- ↓
- News 2- Journalism Adv: News Prod 2 (TA)
- ↓
- News 3- Journalism Adv: News Prod 3 (TA)
- ↓
- News 4- Journalism Adv: News Prod 4 (TA)

## Computer Science

- Foundations of Computer Science
- ↓
- Computer Science 1  
(Algebra I Completed)
- ↓
- Computer Science 2 Robotics
- Computer Science 2 Swift Coding  
(Apple Applications)
- AP Computer Science

## STEM- Engineering

- Intro to Engineering Design (PLTW)
- ↓
- Engineering Science (POE-PLTW)

## Government and Public Administration- Military

- Aerospace Science 1 (AFJROTC 1)
- ↓
- Aerospace Science 2 (AFJROTC 2)
- ↓
- Aerospace Science 3 (AFJROTC 3)
- ↓
- Aerospace 4 (AFJROTC 4)

### Debate

- Debate 1
- ↓
- Debate 2
- ↓
- Debate 3
- ↓
- Debate 4/ Independent Study

## Culinary Arts

\*Students may not start this pathway until 10<sup>th</sup> grade

- Lifetime Nutrition & Wellness (0.5 Credit)
- AND
- Interpersonal Studies (0.5 Credit)
- ↓
- Culinary Arts- 2 Credits (TA)
- ↓
- Practicum in Culinary Arts 1- 2 Credits (TA)
- OR
- Culinary Restaurant Management- 3 Credits (TA)

## Hospitality and Tourism

\*Students may not start this pathway until 10<sup>th</sup> grade

- Lifetime Nutrition & Wellness (0.5 Credit)
- AND
- Interpersonal Studies (0.5 Credit)
- ↓
- Hospitality Services- 2 Credits (TA)
- ↓
- Practicum in Hospitality Services 1- 2 Credits (TA)

## Education and Training- Teaching

\*Students may not start this pathway until 10<sup>th</sup> grade

- Child Development  
(Business Information Management Recommended)
- ↓
- Instructional Practices (Ready, Set, Teach!)- 2 Credits (TA)
- ↓
- Practicum in Education & Training 1- 2 Credits (TA)

## Language Arts Electives

\*Students may not enroll in these courses until 11<sup>th</sup> grade.  
English II is required.

- Creative Writing 1
- ↓
- Creating Writing 2/ English Ind. Study
- Science Fiction & Fantasy
- Contemporary American Novel  
(10<sup>th</sup> graders may enroll w/ Teacher Approval)

## Social Studies Electives

\*Students may not enroll in these courses until 11<sup>th</sup> grade

- Street Law (0.5 Credit)
- Psychology (0.5 Credit)
- Contemporary Issues- 0.5 Credit (TA)
- Contemporary Issues- 1 Credit (TA)
- AP Comparative Government (0.5 Credit)  
(AP US History Recommended)
- AP Human Geography (0.5 Credit)