

From Basic Academics to the “Why” of Future Academics

Using Pathways to Embed Meaning



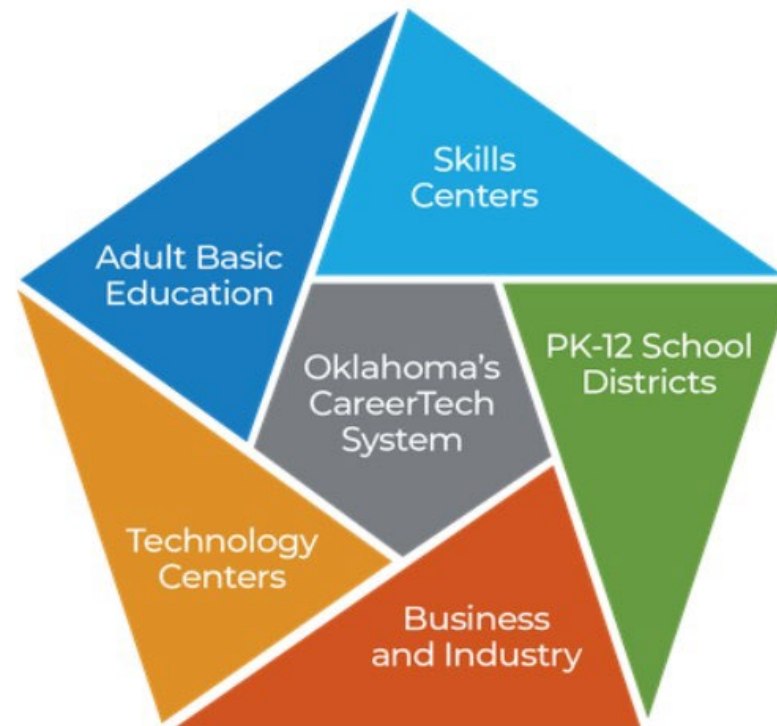


OKLAHOMA CareerTech

CCD

Counseling and Career Development

Oklahoma CareerTech has
5 Delivery Arms!
Today's focus is PK-12 and
Technology Centers.



Julie Childers, Academic Coordinator
27 Years in Public Education
24 Years as a School Counselor
School Size: Class B to 4A

Bachelors: Oklahoma State University
Masters: University of Central
Oklahoma

Christi Sturgeon, M.S. LMFT

OSDE Program Manager, Comprehensive School Counseling

Christi Sturgeon, M.S., LMFT
christi.sturgeon@sde.ok.gov

(405) 522-3263

- Supporting Oklahoma school counselors, educators, and administrators
- OSDE Crisis Response & Recovery Team
- Assistance and coaching in areas of academic advisement, credits, graduation, college and career readiness, and comprehensive school counseling.

Counseling Background

- Elem, MS and HS Counselor, 26 years
- Licensed MFT, 26 years
- Adjunct Professor, 23 years

Education

- B.A. Psychology, OBU
- M.S. Marriage and Family Therapy, OBU



Jennifer Peters

Program Manager, College and Career Readiness

- Supporting Oklahoma school counselors, educators, and administrators
- Assistance and coaching in areas of College and Career Readiness, Career Pathways, and ICAP implementation

Experience

- Career Specialist in a public High School, 10 years

Education

- B.A. Human Development and Family Science
- M.S. School Counseling



Jennifer Peters
Program Manager
College and Career Readiness
Jennifer.Peters@sde.ok.gov

Just the Basics

Graduation

Current Graduation Requirements – College Prep

English

- English 1
- English 2
- English 3
- English 4

Math

- Algebra 1
- Geometry
- Algebra 2

Notes:

- 3 years in grades 9-12
- 3rd math can be non-core if Algebra 2 is taken and passed

History

- Oklahoma History
- US Gov
- US History
- 1 additional History (World)

Science

- Biology
- A Physical Science
- 1 additional Lab Science

World Language

- 2 Units of the same World Language

or

- 2 Units of Computer Language

Other

- 1 additional core unit
- 1 unit Fine Arts
- PFL
- CPR
- ICAP
- Required Assessments
- US Naturalization Test (2025)
- FAFSA (2025)

Graduation Requirements

State law requires students entering the ninth grade to complete the college preparatory/work ready high school curriculum outlined in the statute, unless the student's parent or legal guardian approves the student to enroll in the core curriculum.

****Oklahoma is a local control state. District expectations (such as graduation requirements) may exceed state minimum requirements.**



OKLAHOMA
Education

College Preparatory/Work Ready Parental Curriculum Choice Letter

Dear Parent or Legal Guardian:

Under 70 O.S. § 11-103.6, state law requires eighth grade students entering the ninth grade to complete the college preparatory/work ready high school curriculum outlined in the statute, unless the student's parent or legal guardian approves the student to enroll in the core curriculum. The college preparatory/work ready curriculum and the core curriculum requirements are attached. Successful completion of either curriculum will result in a student receiving a standard diploma. However, the core curriculum does not meet college entrance requirements, nor requirements for the Oklahoma's Promise scholarship available to students whose family income is \$55,000 or less annually and who earn a 2.5 GPA in the college preparatory/work ready curriculum.

Choosing the courses a student takes in high school is an important decision for you and your child. A college preparatory curriculum is challenging, and may help determine a student's future success in higher education and the world of work.

According to the law, your child will automatically be enrolled in the college preparatory/work ready curriculum, and you do not need to take any action to enroll your child in this curriculum.

However, if you choose the core curriculum, you **must** do all three of the following:

1. Meet with a school official to discuss your options.
2. Complete the information below, and
3. Return this signed form to the school prior to enrollment.

Please contact your child's high school principal or school counselor if you have any questions or need additional information.

As the parent or legal guardian, I am selecting the core curriculum for my student and understand this curriculum does not meet college entrance requirements nor OK Promise scholarship requirements.

Parent/Guardian
Initials

▶ Please print all responses below.

Student Name

Grade

Cohort

High School Name

Parent/Guardian Name

Parent/Guardian Signature

Date

School Official Name

School Official Signature

Date

Oklahoma State Department of Education
College Preparatory/Work Ready Parental Curriculum Choice Letter

Page 1 of 1
Last Modified: Feb. 2020

Advanced Placement Courses

- Beginning in the 2024-2025 school year, all public high schools will make a minimum of four advanced placement courses available to students.
- Districts can provide enrollment in courses offered through a school site(s) within the district, a career technology institution within the district, a program offered through the Statewide Virtual Charter School Board or one of its vendors, or a school site(s) in another school district.
- Advanced Placement *coursework* with approved course codes shall be used for high school credit. Although it is highly recommended that the corresponding AP course be taken prior to taking the subject area AP exam, it is not required. Students may sign up for the exam when available. How credit is awarded based on the exam when not associated with taking the course is according to the district's competency-based credit policy.

***Weighting of AP courses above the 4.0 scale is not required; however, districts may apply weighting according to the district's grading and credit-earning policy.

Health Legislation Reminder

- Recent legislation called Maria's Law (70 O.S. § 11-103.9b) states that beginning in the 2022-2023 school year, all Oklahoma public schools will be required to provide mental health instruction, as part of any health education curriculum, with an emphasis on the interrelation of physical and mental well-being.
- Other recent legislation called the Health Education Act (70 O.S. § 11-103.13) requires school districts to provide instruction addressing all health education subject matter standards by the 2023-24 school year. This statute explains health education instruction may be integrated into one or more existing subjects or provided as an addition to existing coursework. It also states that teachers assigned to teach health education as a stand-alone course must be certified in physical and health education.
- This does not change graduation requirements. Students are not required to take a health education course in order to graduate. However, all schools must offer instruction in all of the 9th-12th grade-band standards for health education at some time during high school.

Alternate Diploma Collaborative

Questions about Alternate Diploma?

Reach out to:

Lori Chesnut

lorichesnut@sde.ok.gov

Claudia Beckner:

claudia.beckner@sde.ok.gov



Alternate Diploma
Collaborative

<https://bit.ly/3sXbDiy>

Carnegie Units in Education

- 5. "Unit" means a Carnegie Unit as defined by the North Central Association's Commission on Schools.
- Oklahoma Statutes - Title 70. Schools Page 462
- Carnegie Units (credits) Academic courses offered in technology centers and local schools must adhere to the SDE requirements for awarding Carnegie units of credit. A unit of credit is given for successful completion of a course that meets a minimum of 40 minutes a day, 5 days a week for 36 weeks, or the equivalent of 120 clock hours within the school year.

1 credit equals 120 hours

Why do we get grades from CareerTech and a transcript from concurrent enrollment?

Concurrent Enrollment: A high school gets a transcript from a college or university!

When a student earns college credit through concurrent enrollment, school districts shall provide academic credit for any concurrently enrolled higher education course that is correlated with the academic credit awarded by the institution of higher education. Academic credit shall only be added to a transcript as elective credit if there is no correlation between the concurrent enrollment higher education course and a course provided by the school district. (70 § 628.13)

The student transcript should reflect the high school course, core or elective, the concurrently enrolled course is replacing. The instructional code within the student information system should be coded “college level” and the subject code should be the same as the most equivalent high school course subject code.

CareerTech Enrollment: A high school gets a grade card from a technology center!

The student’s home high school shall transcript the units of instruction earned by a high school student attending the technology center, and the technology center should not be listed as a separate school. “(1) High school students. For students currently enrolled in high school, **the technology center is an extension of the student's high school** and shall be subject to the regulations thereof. The student's home high school shall transcript the units of instruction earned by high school students attending the technology center. High school students who successfully complete their career plans of study shall be awarded a competency/completion certificate by the technology center. The technology center is a separate entity in that it also serves adult students.” p 45

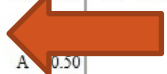
The instructional code within the student information system should be coded “Accepted as a high school equivalent” (0579).

Transcribing CareerTech courses

Don't list the technology center's name with the grades on the transcript.

Do list the certifications earned on the transcript.

COURSE TITLE	G	SEM 1	SEM 2	OSTP (Oklahoma School Testing Program)
16-17 [redacted] Junior High KEYBOARDING SPANISH I	8	A 0.50	A 0.50	Gr 11 OSTP US HIST 04/2020 E Gr 11 OSTP SCI Gr 8 OSTP READING A = Advanced, B = Basic, BB = Below Basic, P = Proficient E = Student received a medical exemption for state assessment type
17-18 [redacted] Intermediate High School	9	B 0.50	B 0.50	ACT TEST RESULTS ATTEMPT 1 2 Test Date Composite Math Science Stem English Reading Writing
18-19 [redacted] High School	10	A 0.50	A 0.50	SAT TEST RESULTS Test Date Reading/Writing Math ESSAY TOTAL
19-20 [redacted] High School	11	B 0.50	A 0.50	Pre-ACT TEST RESULTS Test Date 11/07/2018 English 21 Math 19 Stem 20
19-20 [redacted] Tech Center Computerized Manufacturing Design Fund of Comp Aided Drafting/Design Computerized Manufacturing Design Engineering Comp Aided Drafting/Design Fund of Comp Aided Drafting/Design	11	A 0.50	A 1.00	OSTP ACT Test Date 03/03/2021 Composite 22 Science 19 English 23 Writing NA Math Stem Reading 30 ELA NA
20-21 [redacted] High School Personal Financial Literacy English IV Physical Science Human Geography US Government	12	B 0.50	B 0.50	CAREER TECH ENDORSEMENTS
20-21 [redacted] Tech Center Drafting & Design Fundamentals of Comp Aided Draft/Design Drafting & Design Computerized Manufacturing Design Engineering Comp Aided Drafting/Design	12	A 1.50	F 0.00	GRADE SCALE STANDARD A = 4 Pts. B = 3 Pts. C = 2 Pts. ADVANCED PLACEMENT A = 5 Pts. B = 4 Pts. C = 3 Pts.



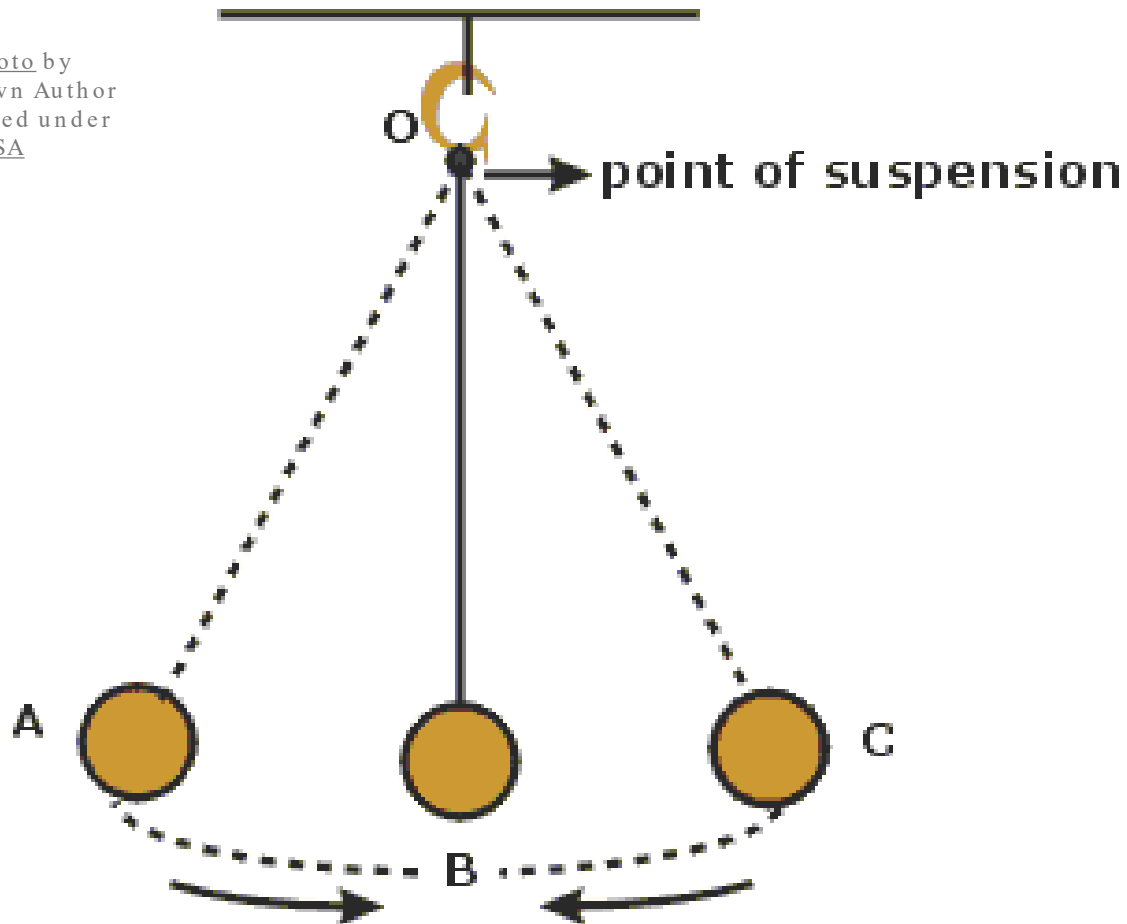
Student Information	Standard Tests	Business and Industry Endorsements
Print Date: 06/03/2022 Phone: [redacted] Fax: [redacted]	ACT-ELA 04/01/2021 ACT-English 04/01/2021 ACT-Math 04/01/2021 ACT-Reading 04/01/2021 ACT-Science 04/01/2021 ACT-STEM 04/01/2021 ACT-US Rank 04/01/2021 ACT-Writing 04/01/2021	ASE Brakes 01/08/2021 ASE Engine Performance 05/09/2021 ASE Heating and Air Conditioning 05/27/2022 ASE Steering & Suspension 05/27/2022 ASE Automatic Transmission/Transaxle 05/28/2022 ASE Manual Drive Train and Axles 05/27/2022



General information about CareerTech education

- The Difference between Courses in a PK-12 School (that make up a program) and Programs in a Technology Center
- What is a Carnegie Unit and How does it count?
- Why do I get grades from my Technology Center not a transcript?
- How should I transcript grades from my technology center?
- PSO Points for CareerTech!

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Not “A”
We might not transcript
all credits as 9000-level.



Not “C”
We do not recommend
transcripting all credits as
8000-level courses.



The answer is “B”
At least one full credit of the same
9000 codes with 2 grades - 1 per
semester. If a student can receive
academic credit for math, science,
or computers, use the 8000 codes
for those credits.

Why is the answer I get in the form of a question? What is your local policy?

2022 Oklahoma Statutes

Title 70. Schools

§70-18-101. Declaration of legislative intent, policies and principles.

Universal Citation: [70 OK Stat § 18-101\(2022\)](#)

2. The system of public schools should be designed to strengthen and encourage local responsibility for control of public education. Local school districts should be so organized, financed and directed that they can provide full educational opportunities for all children. The maximum public autonomy and responsibility for public education should remain with the local school districts and the patrons of such districts.

Added by Laws 1971, c. 305, § 1, emerg. eff. June 17, 1971

What can fall under “Local Control”?

- Grading Scales
- GP A
- Weighted Grades
- Concurrent Enrollment Policies
- How a school fulfills ICAP
- How to track and record CPR completion

Do I
Have a
Policy???

Transcript Must Knows

Resource Reminders:

- [OSDE Course Codes](#)
- [OSDE Transcript Guidance](#) and [CCRA Guidance](#)
- [OSDE Academic Advisement Guide](#)
- [OSDE Concurrent Equivalence](#)
- [OSDE Transcript Guide for Out of County Transcripts](#)
- [ODCTE Course Codes and Program Codes](#)
- [Oklahoma Promise Course List](#)

Note: Save the ones you use to your favorites.

Career Pathways

Academic Advising

Benefits of Career Pathways

How do Pathways benefit the school counselor?

- Pre-enrollment can be more streamlined.
- The rotation of courses offered at your school becomes routine and updates easier.

How do Pathways benefit the student/parent?

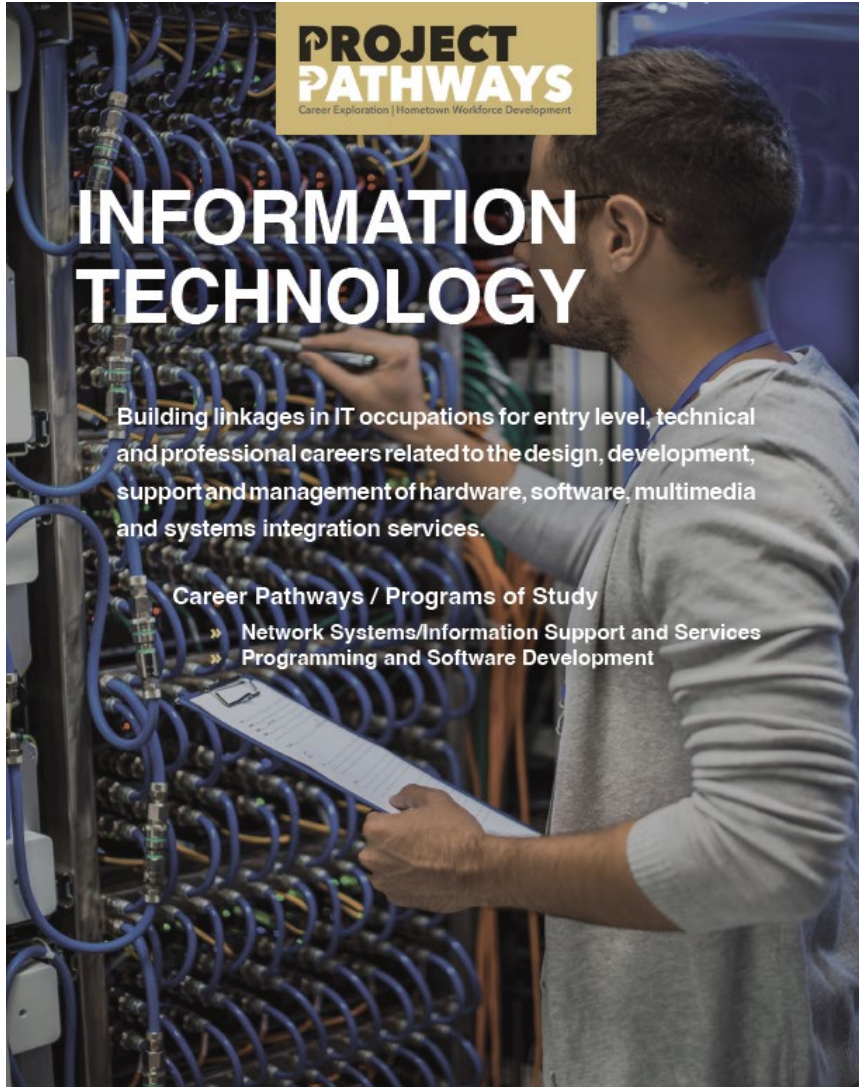
- Students and parents get a big-picture look at the courses available and what the sequence could be. Allows customization.
- Students discovering a new career interests can view the classes in a pathway before changing.

Working With the Courses You Have

Where do the courses you have come from ?

- What your high school offers
- What your technology center offers
- What concurrent courses are available
- What online platforms do your students have access to
- What do your school policies allow

Academic Advisement and ICAP




PROJECT PATHWAYS
Career Exploration | Hometown Workforce Development

INFORMATION TECHNOLOGY

Building linkages in IT occupations for entry level, technical and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.

Career Pathways / Programs of Study

- » Network Systems/Information Support and Services
- » Programming and Software Development



INFORMATION TECHNOLOGY

Network Systems/Information Support and Services

Pathway Courses

Year 1	» Computer Science I	
Year 2	» Programming – Visual Basics	» Advanced Programming
Year 3	» AP Computer Science Principles	Year 3 and 4 Option: Tulsa Technology Center » Cisco Network Associate (1-2yrs) » Computer Repair & Network Support (1yr) » Cyber Security/Forensics (2yrs) » Windows Server Administrator (1-2yrs) » Mobile App Development (1yr)
Year 4	» Chromebook Desk	

Related Electives

- » Game Design & APP Design
- » Robotics

Career Related Activities

Workplace Learning Experiences:
Student internships are available in most career pathways. Depending upon the business selected, internships can be paid or unpaid, and are allowed for up to 3 class periods of a student schedule. For more information on current openings and the application process, please visit the college and career counseling office at BAHS.

Academic Advisement and ICAP

COURSE SEQUENCING MAP

Four Year Career Plan
Required courses are in *Italic* type

Grade 9	<i>English I</i>	<i>Algebra I, Or Geometry</i>	<i>Biology I</i>	<i>Fine Art: Art, Band or Choir</i>	<i>Fund of Tech</i>	<i>Spanish or I Choctaw</i>	Choose Two: AG, FCS, Intervention Tech-Connect, Resource Sports (2 Periods)
Grade 10	<i>English 2</i>	<i>Geometry Or Algebra II Or Trig.</i>	<i>IPC</i>	<i>World Geography</i>	<i>Bus Comm/ OK History</i>	<i>Spanish II Or Choctaw II</i>	Choose Two: AG II, FCS, Band, Art, Intervention Tech-Connect, Resource Sports (2 Periods)
Grade 11 Alg. II, Geometry, Anatomy Can be taken at KTC	<i>English III</i>	<i>Algebra II Or Trig.</i>	<i>Biology II Or Physics Or Chemistry</i>	<i>US History Or College History</i>	Choose Four: AG Comm., Ag Shop, FCS, Choir, Band, Art, Reading, Intervention, Tech-Connect, Mentor, Work Study, Spanish, Sports (2 periods), KTC (3 Periods)		
Grade 12 Alg. II, Geometry, Anatomy Can be taken at KTC	<i>English IV</i>	<i>Governmen Sr. Capston *CPR *PFL</i>	Choose five: AG Power., FCS, Choir, Band, Art, Guitar, Reading, Intervention, Tech-Connect, Mentor, Work Study, Spanish, Sports (2 periods), KTC (3 Periods)				

*Personal Financial Literacy Requirement (PFL)

*CPR/AED Requirement

Special Thanks to:

Nora Benson, Alexis Brown, Abby Courtney, Kaitlyn Davis, Bismara Davis, Julie Egan, Olivia Greenway, Mike Greenwood, Laci Hefflin, Savannah Sandridge, Jeremiah Tetter, Kyle Bowen, Sara Campbell, Kabe Copeland, Harley Eldridge, Haley Goo, Rhiannon James, Aaron Lewis, Matthew Marlow, Sarah McMeier, Mallory Kain, Jerrett Weick

16 NATIONALLY RECOGNIZED CAREER CLUSTERS

Career Cluster Descriptions

Career Cluster Name	Description	Career Cluster Name	Description
Agriculture, Food & Natural Resources	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.	Hospitality & Tourism	Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.
Architecture & Construction	Careers in designing, planning, managing, building and maintaining the built environment.	Business Services	Preparing individuals for employment in career pathways that relate to families and human needs.
Arts, Media & Technology	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.	Building Linkages in IT	Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.
Business, Management & Administration	Business, Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.	Public Safety & Security	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
Education & Training	Planning, managing and providing education and training services, and related learning support services.	Manufacturing	Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing process engineering.
Finance	Planning, services for financial and investment planning, banking, insurance, and business financial management.	Marketing & Sales	Planning, managing, and performing marketing activities to reach organizational objectives.
Government & Public Administration	Executing governmental functions to include Governance, National Security, Foreign Service; Planning, Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.	Science, Technology, Engineering & Mathematics	Planning, managing, and providing scientific, research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
Health Science	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.	Transportation, Distribution & Logistics	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

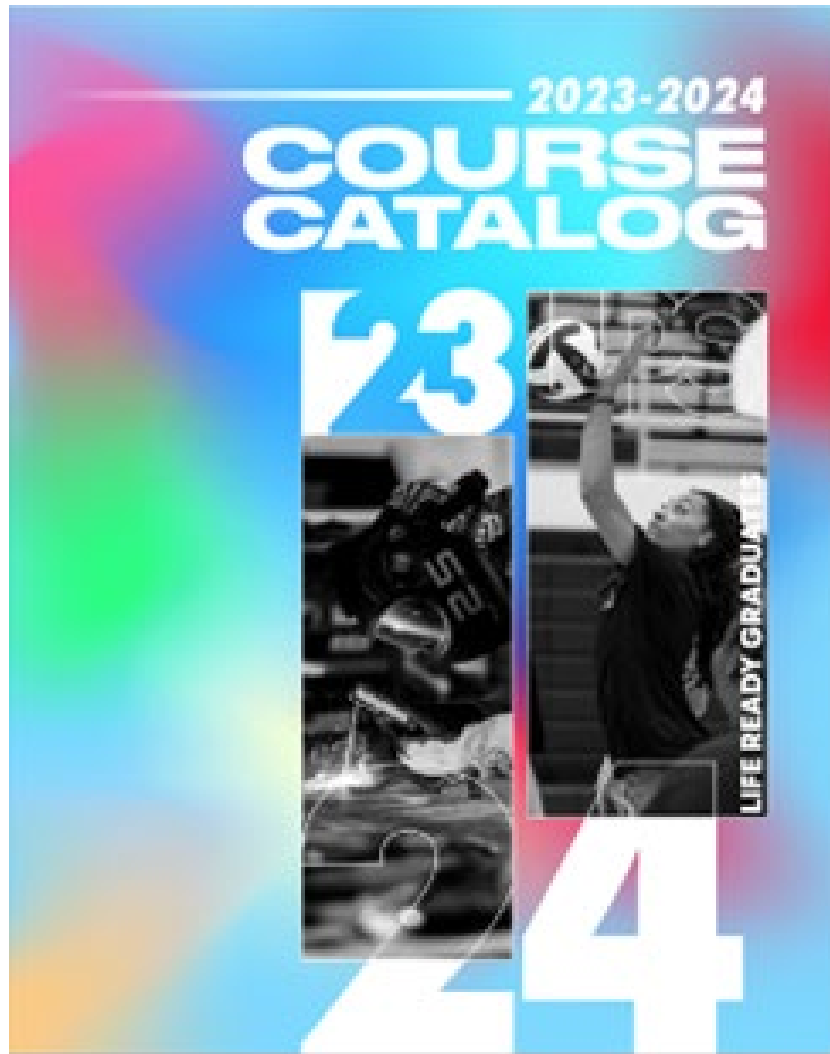
Programs offered at KTC-Atoka

- Automotive Service Technology
- Computer Networking
- Construction Technology
- Cosmetology
- Health Careers
- Marketing
- Electrical
- Welding Technology

Programs offered at AHS

- Agriculture
- Aviation
- Business Administration & Information Technology
- Computer Programming & Software Development
- Family and Consumer Sciences
- Tech Connect Plus Carpentry

Academic Advisement and ICAP



Life Ready Graduates

Communications Pathway




Certifications Possible

Center for Financial Responsibility Personal Financial Literacy
 Southeastern Airlines Professional Communications
 Express Employment Professionals Career Preparedness

The courses listed below meet the College Preparatory/Work Ready Curriculum graduation requirements. Core track requirements do NOT meet Oklahoma's Praxis requirements. Students should meet with their school counselor each year to determine the track that fits into their academic plan, including ICAP requirements.

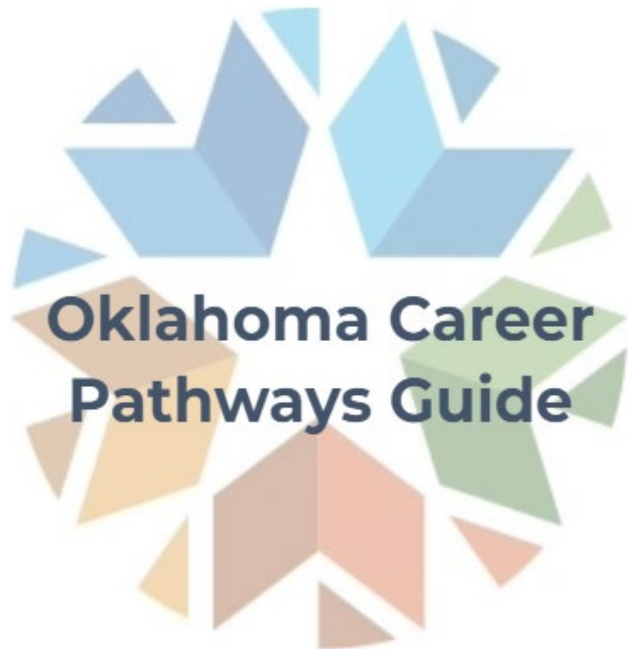
Potential Careers

Retail Marketing Manager \$75,100/year \$36/hour	English I	Language Arts	Language Arts or "Comp I"	Language Arts or "Comp I" or "Comp II"
Graphic Designer \$21,400/year \$16/hour	Algebra I (if included in 8th grade, Accelerated Geometry)	Geometry or Algebra I	Algebra II or Advanced Math or "Survey of Math"	Additional Advanced Math Recommended or Decline
Advertising Sales Agent \$32,000/year \$16/hour	Biology I	Physical Science or Chemistry or Physics	Life Science or "General Biology"	Additional Life Science Recommended or Elective or "General Chemistry"
Media and Talent Coordinator \$17,100/year \$8/hour	US History or Government	World History or Other History	US History or "American History Since 1848"	Elective or "American Federal Government"
Photographer \$20,800/year \$10/hour	Foreign Language I or Computer Applications I	Foreign Language II or Computer Applications II	Foreign Language or "American Popular Music" or "Principles of Communications" or "Introduction to Ag Course"	Decline
Editor \$40,100/year \$19/hour	Intro to Agriculture (if completed in 8th grade, Agriculture Principles and Applications)	Agriculture Principles and Applications or Introduction to Agricultural Communications	Introduction to Agricultural Communications or Agricultural Leadership and Personal Development	Application: student must complete Personal Development or Personal Development Journal in Agricultural Communications
	Decline	Decline	Decline or Incomplete	Prerequisite: Journal in Agricultural Communications or Elective or Incomplete

LPS LAWTON PUBLIC SCHOOLS

Personal Financial Literacy (PFL) and SPFL training must be completed prior to graduation. AP courses are available by plan at co-level courses and government courses. Refer to LPS Course Catalog for other course options at Lawtonps.org
 * Assume college course - Edition, Fees, and Books paid by LPS. Revised 11/4/22

Academic Advisement and ICAP



Oklahoma Career Pathways Guide



Agriculture, Food, and Natural Resources Pathway

Career Field: Environmental and Agricultural Systems

Courses	Freshman Year	Sophomore Year	Junior Year	Senior Year
English Language Arts	English I	English II	English III	English IV
Mathematics	Algebra I	Geometry	Algebra II	Additional Advanced Math or Elective
Science	Biology I	Physical Science, Chemistry, or Physics	Lab Science	Additional Lab Science or Elective
Social Studies	OK History	World History	US History	US Government

Additional Required Courses and Elective Options

- World Language or Computer (2 units)
- Intro to Agriscience
- Intro to Animal Science
- Intro to Horticulture
- Intro to Ag Power
- Ag Structures
- Fine Arts (1 unit)
- Greenhouse Production and Floral Design
- Ag Power and Technology
- Agriculture Communications
- AP Environmental Science

Personal Financial Literacy (PFL) and CPR Training must be completed prior to graduation. Honors, AP, and Concurrent Courses are available in place of on-level core courses in many instances.

Career-Related Work-based Learning Activities

- Project-based Learning through Technology Center Program
- Job Shadow, Internship, or Apprenticeship within Related Career Field

Related Careers and College Majors

- Landscape Architect
- Floral Designer
- Veterinarian
- Welder
- Ag Business

3



Manufacturing Pathway

Career Field: Industrial, Manufacturing and Engineering Systems

Courses	Freshman Year	Sophomore Year	Junior Year	Senior Year
English Language Arts	English I	English II	English III	English IV
Mathematics	Algebra I	Geometry	Algebra II	Additional Advanced Math or Elective
Science	Biology I	Physical Science, Chemistry, or Physics	Lab Science	Additional Lab Science or Elective
Social Studies	OK History	World History	US History	US Government

Additional Required Courses and Elective Options

- World Language or Computer (2 units)
- Fine Arts (1 unit)
- Intro to Agriscience
- Ag Power
- Technology Center Program
 - Machine Operator
 - Drafting
 - Welding

Personal Financial Literacy (PFL) and CPR Training must be completed prior to graduation. Honors, AP, and Concurrent Courses are available in place of on-level core courses in many instances.

Career-Related Work-based Learning Activities

- Project-based Learning through Technology Center Program
- Job Shadow, Internship, or Apprenticeship within Related Career Field

Related Careers and College Majors

- Chemical Equipment Operator
- Wind Turbine Service Technician
- Machinist
- Installation, Maintenance and Repair Worker

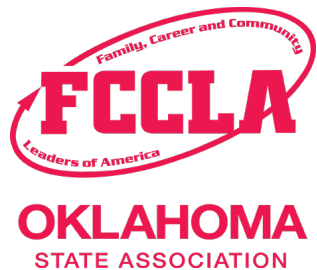
7



Which divisions have CareerTech Courses in PK-12? Which are in Technology Centers?



OKLAHOMA
FFA ASSOCIATION



Which divisions have CareerTech Courses in PK-12? Which are in Technology Centers?



OKLAHOMA
FFA ASSOCIATION

Grades 8th – 12th
HS Only



OKLAHOMA
STATE ASSOCIATION

5th, MS, HS,
Tech Centers



5th, MS, HS,
Tech Centers



OKLAHOMA
DECA



MS, HS,
Tech Centers



HS and
Tech Centers



MS, HS,
Tech Centers

Which divisions have CareerTech Courses in PK-12? Which are in Technology Centers?



OKLAHOMA
FFA ASSOCIATION

Life Sciences
Business
Communication
Power & Technology



OKLAHOMA
STATE ASSOCIATION

Education
Hospitality
Arts
Health Science
Human Services



Computer Science
Biotechnology
Biomedical
Pre-Engineering



OKLAHOMA
DECA



Arts / Communication
Business
Finance
Information Technology
Marketing
Entrepreneurship



Nursing
Phlebotomy
Surgical Tech
Radiology Tech
Veterinary Tech



Arts, A/V Tech, Communication
Energy & Power, Human Services,
Law, Public Safety, Corrections,
Security, Manufacturing,
Transportation, Distribution,
Logistics



Basic Career Pathway Tools for CTE

If you have CareerTech Courses at your high school and/or technology center here are some easy starting places.

- [STEM](#) - BioMedical, Pre-Engineering, Aeronautics/Aerospace
- [BMITE](#) - Business, Marketing, Information Tech, Computers

You will need to drill down for these 3 programs

- [FCS](#) - Culinary, Educator, Childcare, Hospitality
- [Agriculture Ed](#) - Business, Health Science, Communication
- Health and T&I are available from the division

Brand New!

Not even
published
yet!



Let's Look At An Easy One

8th grade	9th grade	10th grade	11th grade	12th grade
	*must take			
8001 Agriculture Exploration	8004 Introduction to Agriscience	8012 Introduction to Animal Science	8013 Livestock Production	8013 Livestock Production
			8014 Small Animal Care & Veterinary Assisting	8014 Small Animal Care & Veterinary Assisting
			8015 Equine Science	8015 Equine Science
			8016 Advanced Biological Animal Science	8016 Advanced Biological Animal Science
				8021 Employment in Agribusiness SR Only
8001 Agriculture Exploration	8004 Introduction to Agriscience	8009 Intro to Agricultural Power and Technology	8010 Agriculture Power and Technology	8010 Agriculture Power and Technology
			8011 Agriculture Structures	8011 Agriculture Structures
				8021 Employment in Agribusiness SR Only
			Technology Center Program	Technology Center Program

Another Nugget:

If you have downloaded the course master from OKCareerGuide and customized it to your school, you already have all the data you need to create the pathways in an Excel sheet.

Let's Look At An Easy One

What if I do not have any tech or concurrent?

no tech or concurrent	9th grade	10th grade	11th grade	12th grade
health science	Public Speaking	Advanced Writing	Anatomy/Physiology	Chemistry
	Health	Nutrician	Zoology	Microbiology
	Applied Communications	Foreign Languages	Alg 2	Pre-Calculus
			Any AP Eng, Math, Sc	
business/HR	Debate	Any Economics	Any AP Eng, History	Sociology
	Public Speaking	Accounting	Any Ethics	Any Law
	Computers Tech	Foreign Languages	Pre-Calculus	Math of Finance

The Why

Building Purpose and Hope

The Science of Purpose

- Viktor Frankl – “Man’s Search for Meaning”

“Those who have a 'why' to live,
can bear with almost any 'how'.”

- Purpose yields: **MOTIVATION**, **RELEVANCE** and **DIRECTION**
- When counselors help students identify post-secondary occupational or career goals, they are creating the pathways through which purpose can develop.

The Science of Purpose

Individuals with a connection to their purpose experience:

- ✓ Greater levels of leadership
- ✓ Higher incomes and net worth
- ✓ Increased engagement and productivity
- ✓ More fulfilling and abundant relationships
- ✓ Better health, memory and cognition
- ✓ Longer lives
- ✓ Greater satisfaction in life, less depression and anxiety

Purpose Fuels Hope and Optimism

The Science of Purpose

Study by Bronk et. al in 2009 came to some interesting conclusions regarding the search for purpose and it's connection to hope:

- The search for purpose is particularly relevant in adolescence and early adulthood and is directly related to life satisfaction.
- Another noteworthy conclusion was the consistent presence of hope among individuals with purpose.
 - In a sense, hope creates contentment in the will to progress toward one's purpose in life.
- For adolescents specifically, they only needed to feel they had the will to reach their purpose to feel life satisfaction as opposed to adults who needed to have a way to achieve their purpose to feel satisfied.

Source: Purpose, hope, and life satisfaction in three age groups

ICAP: Pathway of Hope

In the Fall of 2020, Jason Featherngill and Chan Hellman of the Hope Research Center at the University of Oklahoma partnered with OSDE to investigate the effect to which ICAP participation is associated with student hope.

They concluded,

“ICAP represents a set of individual career and academic strategies that educators can use to promote student success. The data from this study show that **ICAP is a pathway of hope** for students.”

Source: [Nurturing the Hope and Well-being of Oklahoma Students](#)

ICAP: Pathway of Hope

Key Findings

- 77.7% students are in the slight and moderate hope categories.
- Students with higher hope scores report higher grades and missing fewer entire days of school.
- Students with higher hope scores report higher levels of engagement with their teacher.
- Students with high hope report higher levels of engagement with future aspirations and goals.
- Hopeful students report higher levels of well-being.

Source: [Nurturing the Hope and Well-being of Oklahoma Students](#)

ICAP: Pathway of Hope

Outcomes of Hope

- Increases in hope are associated with increases in well-being, future aspirations and goals, items associated with the ICAP experience (student options, goals, and plans after high school), and teacher-student relationships.
- Teacher-student relationships, ICAP experience, and future aspirations and goals are significantly associated with hope.
- Teacher-student relationships, the strongest association, is followed by the student ICAP experience variable.

Source: Nurturing the Hope and Well-being of Oklahoma Students

Tips and Techniques for Academic Advising

Group Advisement:

- Organize paid and volunteer internship opportunities with local businesses and organizations.
- Explore Your Future Events
 - Classroom lessons on courses available and connections to interest inventories as well as post-secondary plans (Using ICAP results)
 - Meeting with parents and students together to develop a 4 year plan for graduation
- Workshops: Study Skills, Goal Setting, Resume Writing and Interview Skills
- Leadership Development Experiences, Community Service Projects, Peer Mentoring Programs
- Career Fairs, Career Exploration Workshops
- Parent Information Nights: College Admissions, FAFSA, Financial Aid and Scholarships, Career Information

Tips and Techniques for Academic Advising

Individual Advisement:

- Start in middle school having conversations & developing a 4 year plan
- Review assessment/interest inventory results & ask questions such as:
 - What are your top 5 career pathways?
 - What are some jobs that were suggested that sound interesting to you?
 - What about work is important to you? (making money, job satisfaction, lifestyle)
 - What education is required to be in that career field?
 - What classes does my school offer that might be connected to my career goals?
- Use your pathways or course catalog to have a conversation with students about how to plan their courses for 4 years with electives that meet their interests.
- Talk about options available such as career tech, concurrent, internships, etc.

Tips and Techniques for Academic Advising

Individual Advisement:

- Some students may need additional supports at a Tier 2 level
- Small group or individual assistance on topics such as:
 - Study Skills
 - College and career readiness skills (attendance, vocational aptitude, job skills)
 - Life Skills (growth mindset, leadership development, time management, self-advocacy, communication, coping)
- Collaboration with teachers and parents to support academic success
- Recognizing the need and coordinating support services when academic challenges arise.

Structuring Pre-Enrollment Processes

Important Reminder

You do not have to plan/do all this on your own. Use your community resources to help you create opportunities to engage students

Ways to Structure Pre-Enrollment

- Meeting in English classes or History classes
- Create a video to go out through classes to define and describe how to explore future opportunities and course selections
- Maybe do this in person with freshman to lay the groundwork
- Use of “advisory” period to inform students

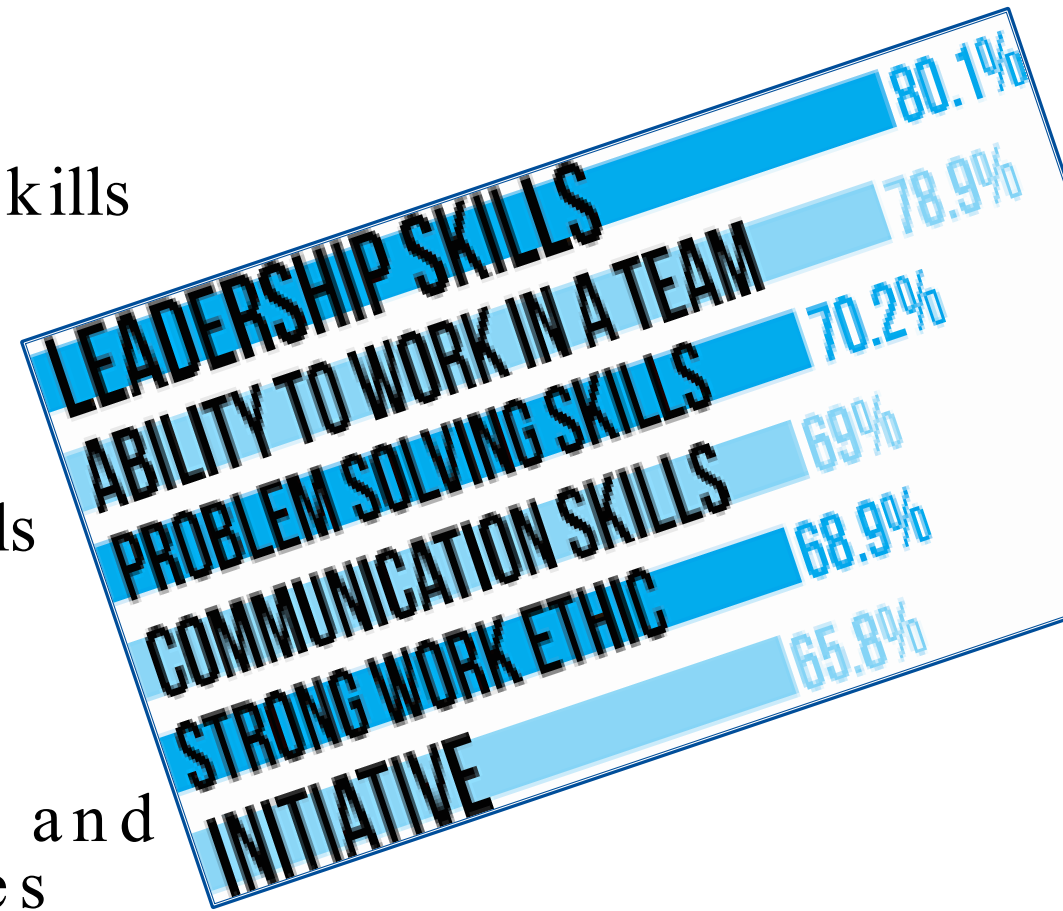
Things Students Need to Know - College



- How to calculate their GPA
- The important habits for scholarship worthiness
 - Grades, activities, building their resume, letters of recommendation
- What college structure looks like
- A college degree sheet
 - Math 1513 – what does that even mean?
 - How to organize and PLAN your day in college. Free time isn't really free!
 - What does a 3 hour class mean (how it is scheduled and how much time you should spend with one class
 - How many hours should you take each semester
- How to pay for school and what student loan debt looks like long-term

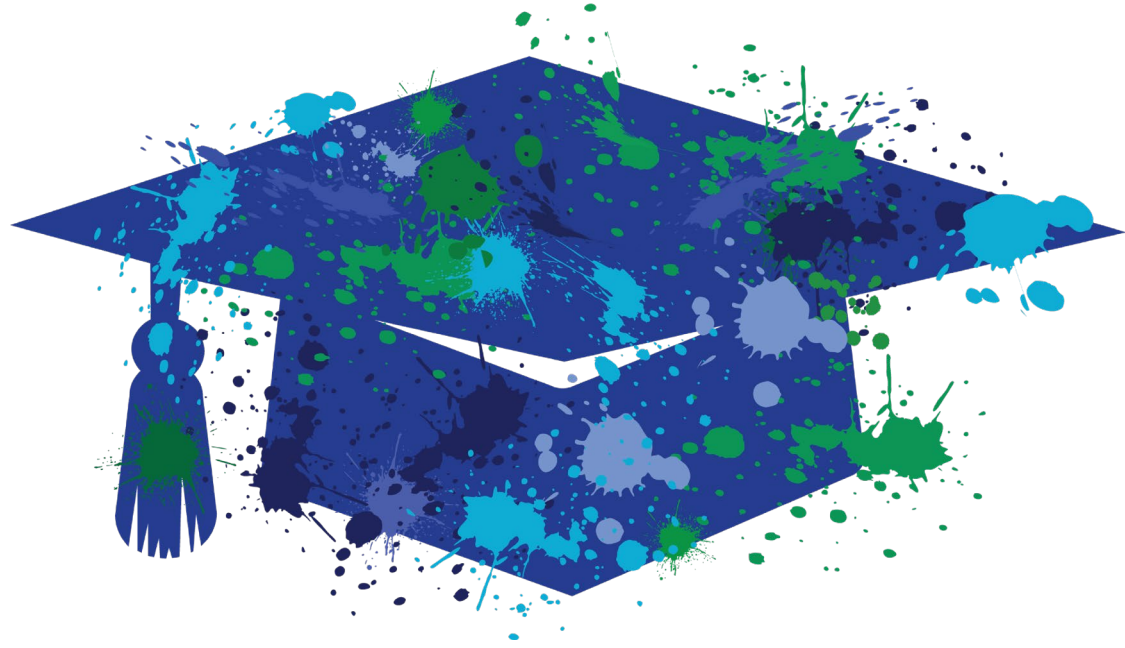
Things Students Need to Know - Career

- What employers are looking for in employees
- Critical thinking and problem-solving skills
- Job search skills
- Professionalism and work ethic
- Communication and interpersonal skills
- An understanding of self: interests, strengths and weaknesses, values
- The importance of continuous learning and flexibility/adaptability to new challenges



Current Legislation

- SB 1302 – Oklahoma’s Promise, removes curriculum requirements
- HB 3278 – Changing graduation requirements
- SB 1895 – Alternative Education, allowing for virtual programming
- HB 3792 – Oklahoma Access and Achievement Act
 - *expands OK Promise to students with intellectual disabilities*
- SB 1328 – Oklahoma’s Promise for Core/Career Tech
- SB 1539 – OPNA – requiring OPT IN instead of OPT OUT



New FAFSA Graduation Requirement

Begins 2024-25



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FAFSA Graduation Requirement & the Oklahoma FAFSA Data Portal

2:10 – 3:00

Redbud Room



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