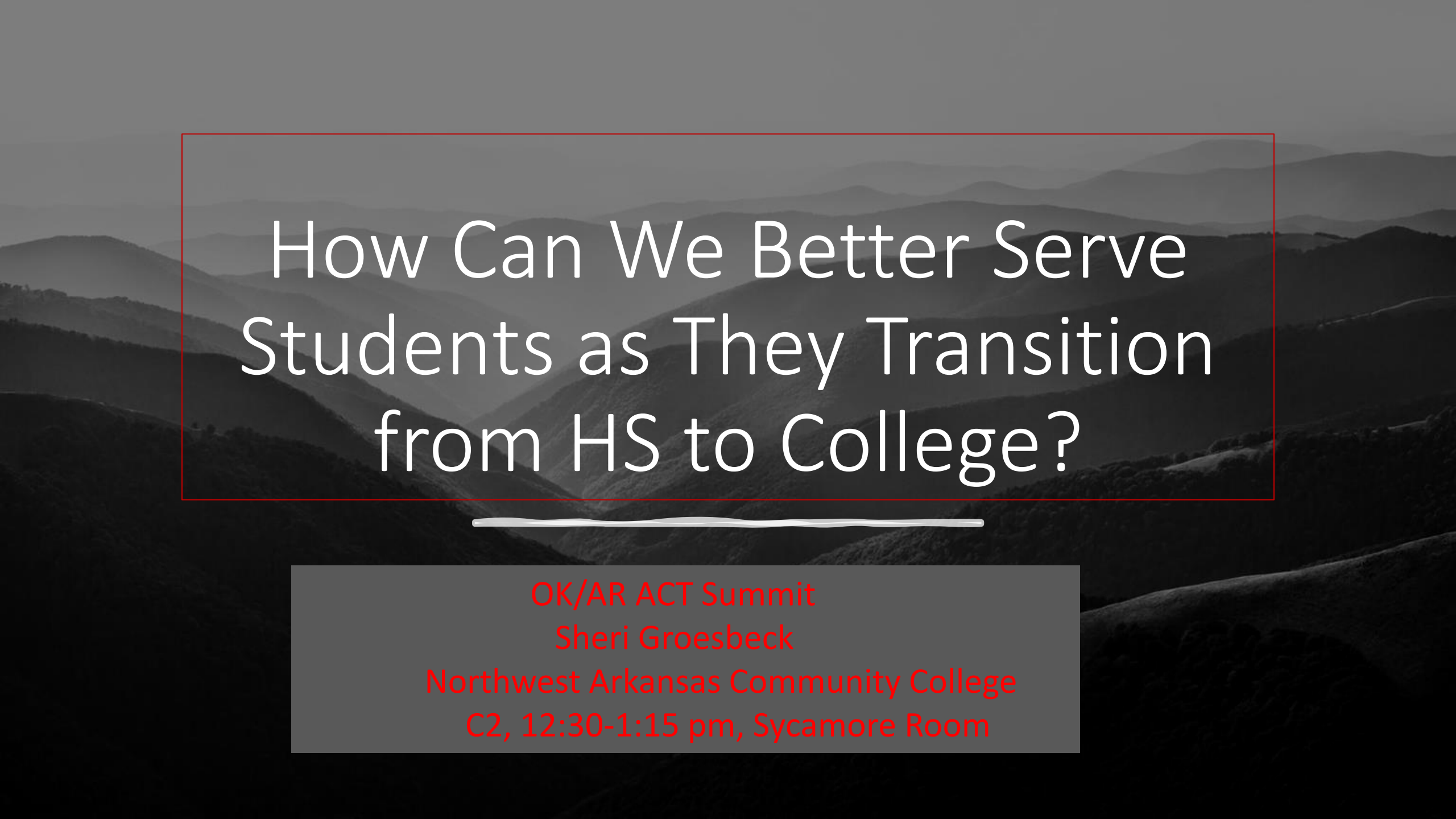




How Can We Better Serve Students as They Transition from HS to College?

OK/AR ACT Summit
Sheri Groesbeck
Northwest Arkansas Community College
C2, 12:30-1:15 pm, Sycamore Room



SHERI GROESBECK
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NORTHWEST ARKANSAS COMMUNITY COLLEGE
BENTONVILLE, AR

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The New Ecosystem

1

According to Dr. Michelle Weiss, author of *The Long-Life Learner*, the current stakeholders comprised of **K-12**, **Higher Ed** and the **Workforce** have been operating in silos, disconnected from each other. This must change.

2

Our Gen Z students are questioning the value of a college education. Their college and career goals are changing.

3

By 2030, the pool of students will drop off dramatically due to lower birth rates.

4

Future workforce needs are changing so quickly, we don't know what the future workforce skills and environment might look like.

5

Therefore, K-12, Higher Ed, and Employers must work together.

Questions we must address:

Who are Gen Z students and what do they need and want from Academia??

What demographic changes are in store for education?

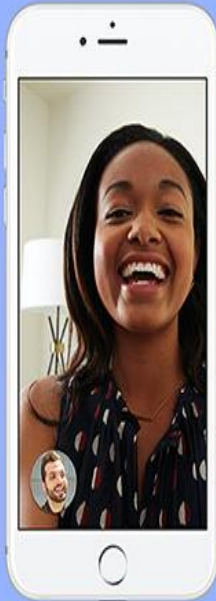
What skills are needed in the future workforce?

How can Higher Ed, K12 and Employers work together to prepare for these changes?

Who are Gen Z students?



FaceTime



Google Duo

Baby Boomers	1946-1964
Gen X	1965-1980
Millennials	1981-1995
Gen Z	1996-2010 (14-28 years old)
Gen A	2011-2025

What is the typical attention span of a GEN Z student?

https://padlet.com/dashboard/recents?mobile_page=Collection

[Designing for GenZ: The impact of short attention span | by Chiranjeeb Deb | UX Collective \(uxdesign.cc\)](#)

[Mind the Gap: Not so fast: Three realities busting the Gen Z attention span myth \(mckinsey.com\)](#)

<https://www.linkedin.com/pulse/modern-struggle-how-gen-zs-decreasing-attention-span-affects-fun>



Many of these students are turning away from the traditional 4-year college path to attend 2-year schools or start careers. **Why?**

- A 4-year degree is too expensive.
- Other opportunities exist like 2-year, close to home institutions.
- Learning a trade can provide on the job training.
- GenZ traits/experiences affect decisions and their ability to be successful.
- About 85% of 2030 jobs don't exist yet
- Disruptive Innovation provides access to needed skills.

<https://www.nationofchange.org/2022/02/14/why-gen-z-is-turning-away-from-the-traditional-four-year-college-path/>

[The Most Popular Jobs For Recent College Graduates – Forbes Advisor](#)

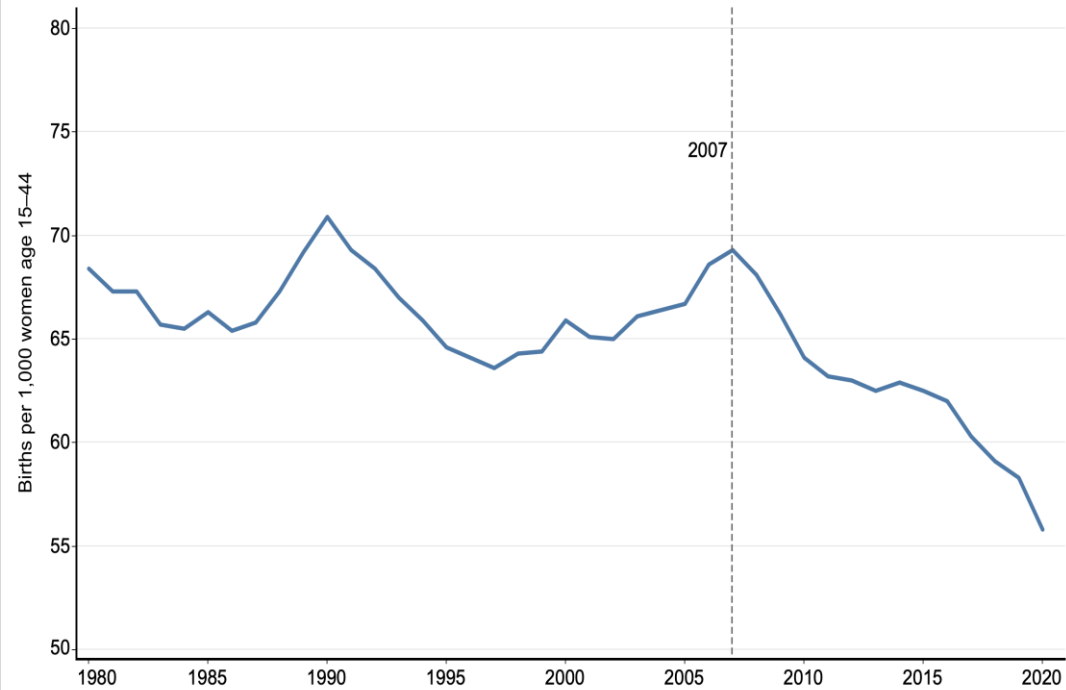
Higher Ed's changing demographics

Lower birth rates could mean lower enrollment numbers

Learning loss and a decline in academic preparedness due to the pandemic

TREND IN US BIRTH RATES

YEARLY, 1980–2020



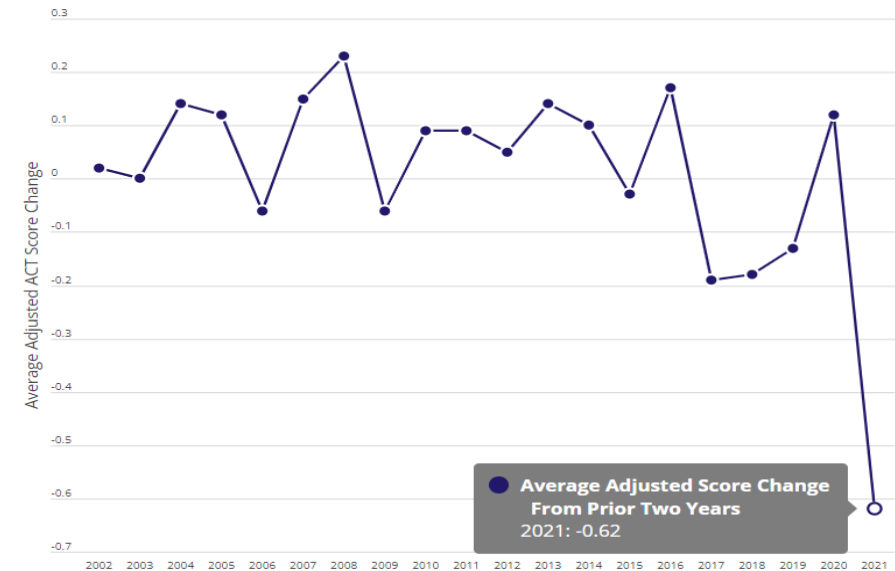
Source: Birth rates collected from CDC Vital Statistics Reports for 2015, 2019, and 2020.

EconoFact econofact.org

<https://econofact.org/the-mystery-of-the-declining-u-s-birth-rate>

EducationWeek®

School disruptions during the pandemic have left many high school students scrambling to prepare for higher education. New data from the ACT finds the average score for an 11th grader taking the test in spring 2021 dropped significantly compared to peers' scores in the prior two years.



● Average Adjusted Score Change From Prior Two Years
2021: -0.62

<https://www.edweek.org/teaching-learning/the-covid-academic-slide-could-be-worse-than-expected/2022/02>

Desired Career Skills ranked from 2015 to 2025

rank	2015		2020		2025
1	Complex problem solving	0	Complex problem solving	new	Analytic thinking and innovation
2	Coordinating with others	+2	Critical thinking and analysis	new	Active learning and learning strategies
3	People management	+7	Creativity, originality, and initiative	-2	Complex problem solving
4	Critical thinking and analysis	-1	People Management	-2	Critical thinking and analysis
5	Negotiation	-4	Coordinating with Others	-1	Creativity, originality, and initiative
6	Quality control	new	Emotional Intelligence	new	Leadership and social influence
7	Service Orientation	-1	Judgment and Decision Making	new	Technology use, monitoring, and control
8	Judgment and Decision Making	-1	Service Orientation	new	Technology design and programming
9	Active Listening	-4	Negotiation	+1	Resilience, stress tolerance, and flexibility
10	Creativity, originality, and initiative	new	Cognitive flexibility	new	Reasoning, problem solving, and ideation

World Economic Forum *The Future of Jobs* (January 2016, October 2020)

What has changed or intensified post- pandemic for students?

The depersonalizing effects of online learning with a higher demand for online options

Anxiety and other mental-health issues on the rise

Difficulty balancing school with the increasing demands of work

A decline in student social skills and emotional intelligence and increased dev. Course placement

[Executive Function Is The Secret Ingredient To Student Success \(forbes.com\)](https://www.forbes.com)

Covid and its Lingering Effects

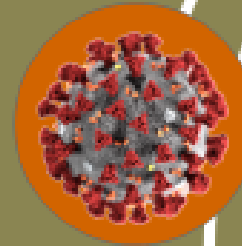
Student Mental Health / Disconnect

A lack of Engagement in the Classroom

-60% of college students report feeling *overwhelming* anxiety

-70% of public schools reported an increase in the percentage of their students seeking mental health services at school since the start of the COVID-19 pandemic

Source: (all stats from American College Health Association)





This Photo by Unknown Author is licensed under [CC BY-SA-NC](#)

Potential harmful effects of extensive screen time and technology use:

- *heightened attention-deficit symptoms*
- *impaired emotional and social intelligence*
- *technology addiction*
- *social isolation*
- *impaired brain development*
- *disrupted sleep*

Source: [Brain health consequences of digital technology use](#) ^{PDF} PMC (nih.gov)

Executive Function Challenges

Forbes.com

Failing to remember where they placed notes/assignments

Difficulty with planning a project and following through to completion

Struggle to maintain focus during class or on homework

Inability to maintain a routine

Absence of initiative or drive

Leaving important emails or texts unanswered

Making self-sabotaging choices

The Need for Remediation at AR Community Colleges- 43%

Figure 8.8 displays the 1-Year remediation rates when broken down by institutional type. Among the first-year entering students at two-year institutions, 43 percent of the students went through remediation versus 29 percent of the first-year population at the four-year institutions.

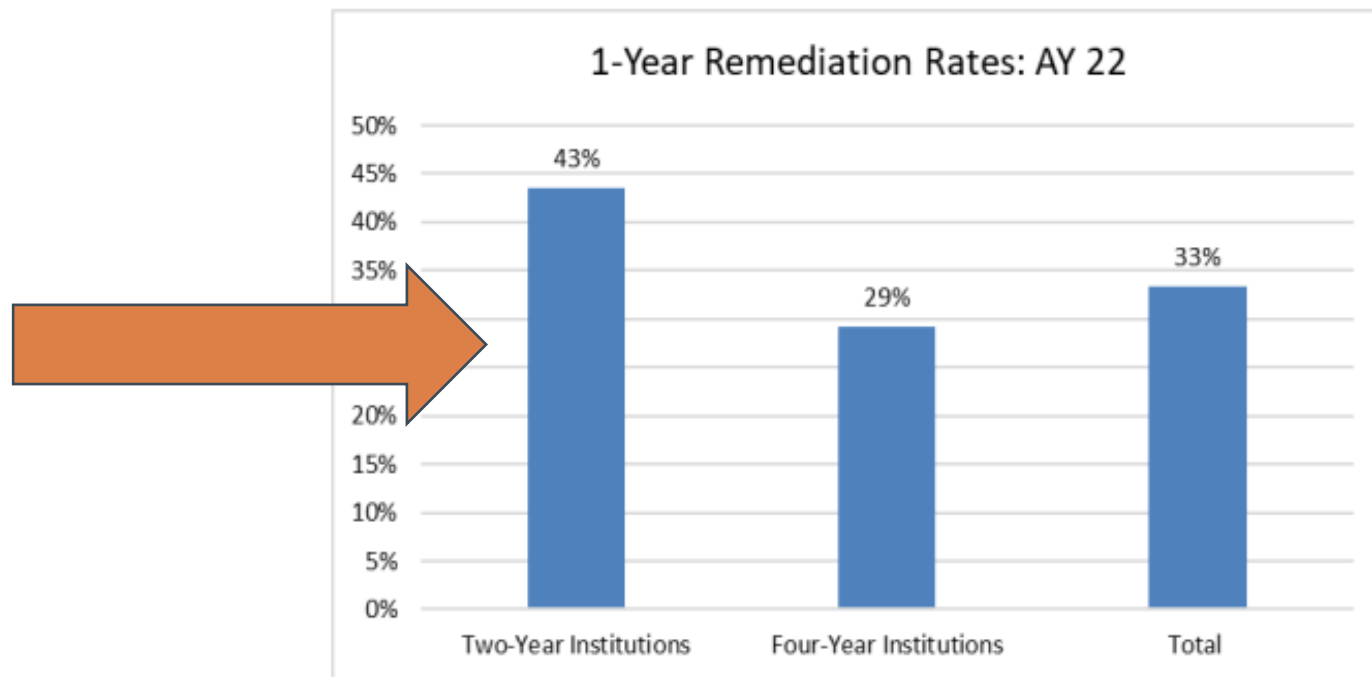


Figure 8.8. 1-Year Remediation Rates

14,045

2,052

64%

921

NWACC DATA

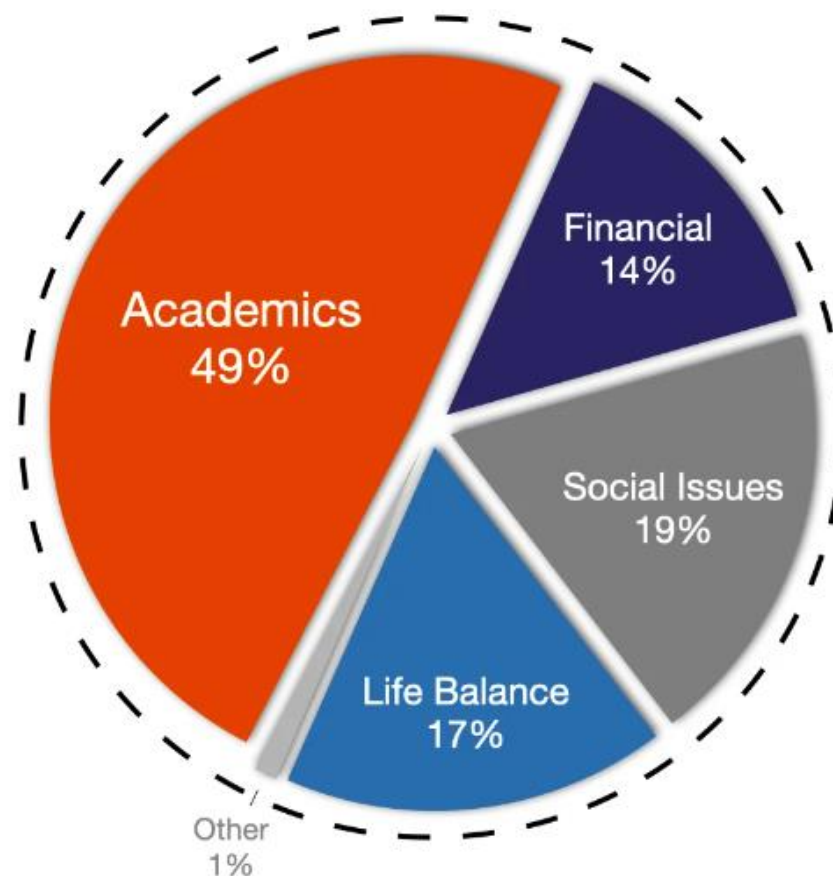
NWACC served 14,045 students in Academic Year 2022.
Credit (9,792)
Workforce (2,571)
Adult Ed (1,682)

NWACC awarded 2,052 degrees and certificates in Academic Year 2022. This represents a 6% increase over AY21.

64% (906 out of 1,4137) first-time freshmen required developmental course work. 22.5% (318) required developmental placement in 3 areas.

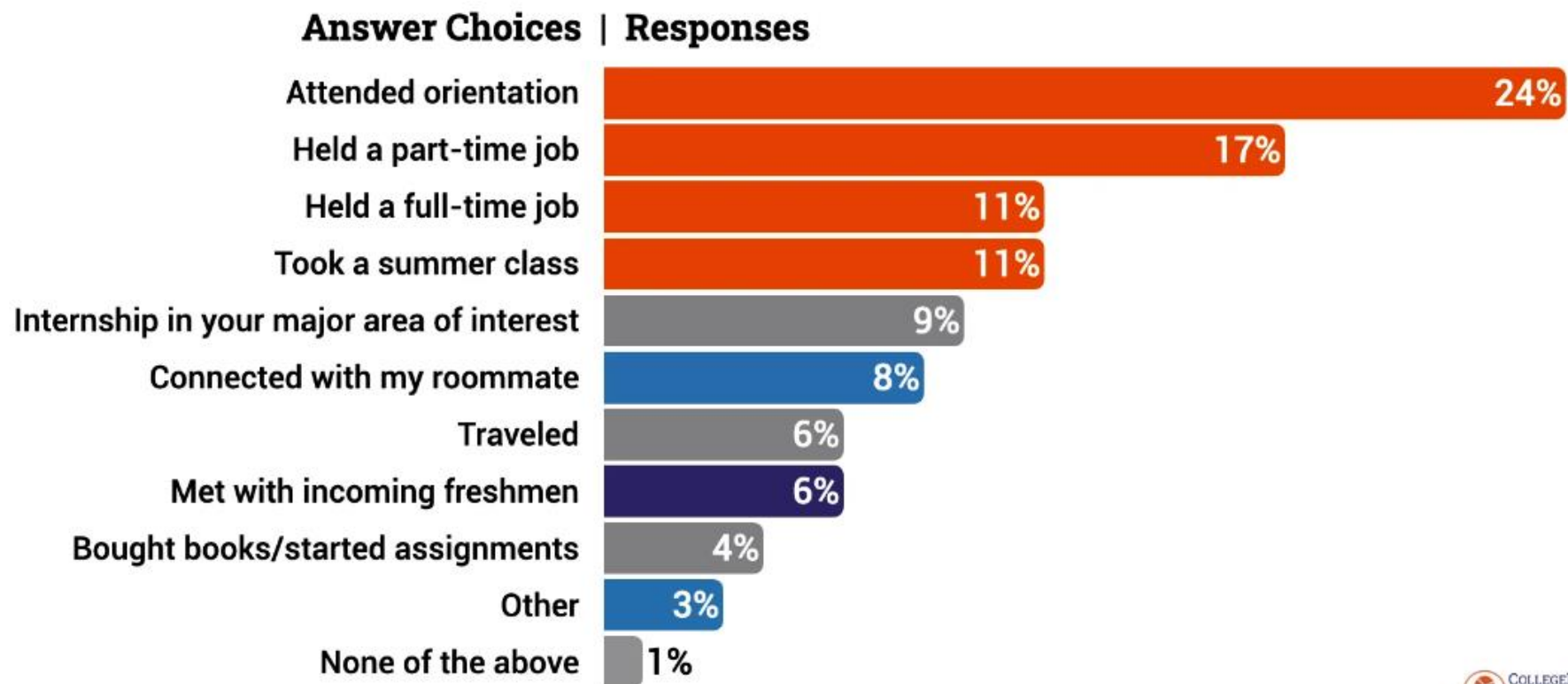
921 Faculty & Staff made up of
- 149 Full-time Faculty
- 475 Part-time Faculty
- 240 Full-time Administration & Staff
- 57 Part-time Staff

What Aspects of College Were Students Least Prepared For?



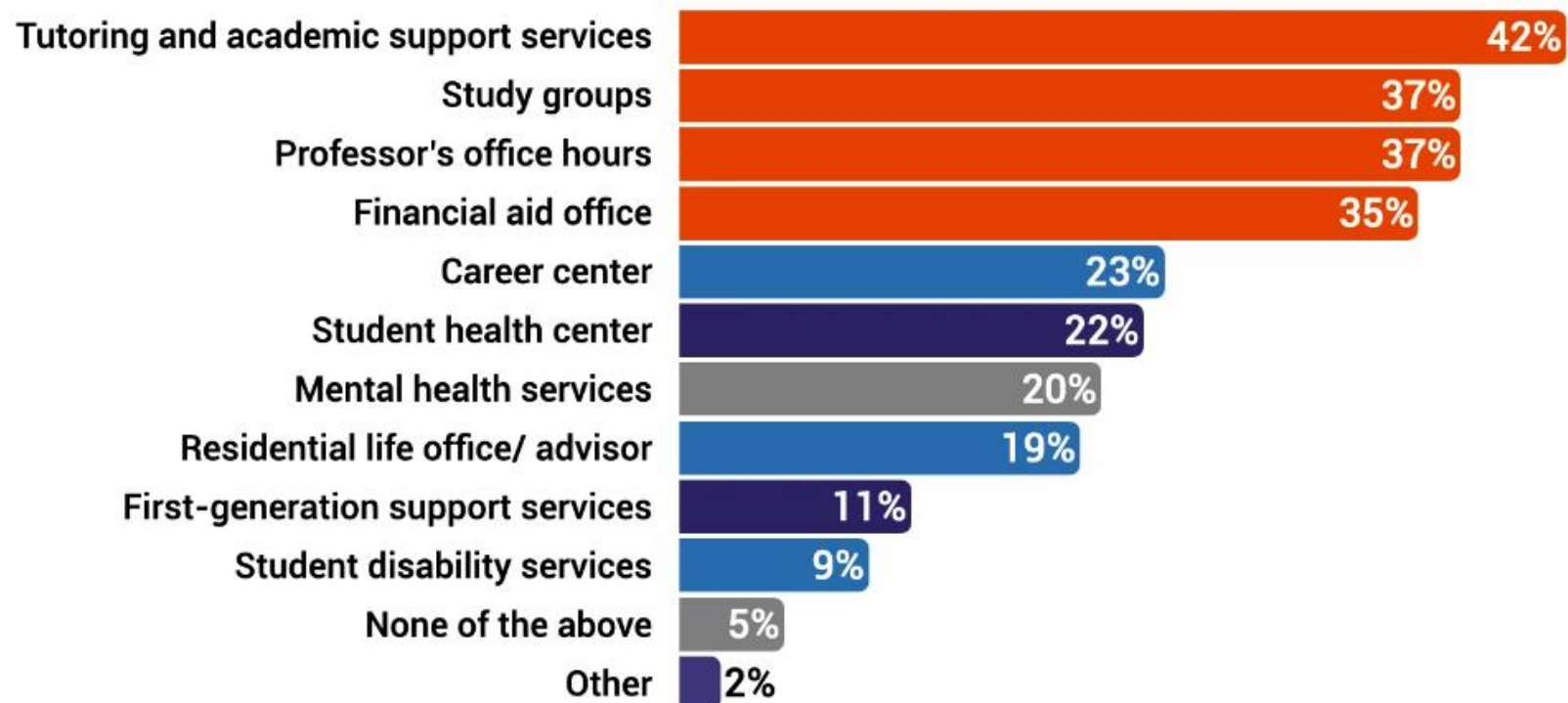
<https://www.collegedata.com/resources/transition-to-college/transition-to-college-survey-results#>

What Helped Students Prepare for the Transition from High School to College



Student Services Most Used

Answer Choices | Responses



Soft skills

“ **Soft skills** are the combination of people skills, social skills, communication skills, emotional intelligence, and personality traits that make it easy to get along and work harmoniously with other people. ”



Team Work



Time Management



Conflict Management

Creative Thinking



According to research conducted at Harvard and Stanford Universities, *only 15% of ... career success is provided by your hard skills, (whilst) the other 85% by so-called soft skills.*

Workforce Skills Needed in 2030



- *Social and emotional skills, such as empathy, self-awareness, respect for others and the ability to communicate, are becoming essential as classrooms and workplaces become more ethnically, culturally and linguistically diverse.*
- To remain competitive, workers will need to acquire new skills continually, which requires flexibility, a positive attitude towards lifelong learning and curiosity.
- Social and emotional skills can be equally – and in some cases even more – as important as cognitive skills in becoming a responsible citizen.

What do Employers Consider when Hiring?

Top 3 priorities

Academic Major: Did you study something relevant and applicable?

Internship experience: Have you gained hands-on experience in a real-world work environment?

Career readiness: Do you have workplace-ready competencies, such as communication and critical thinking?

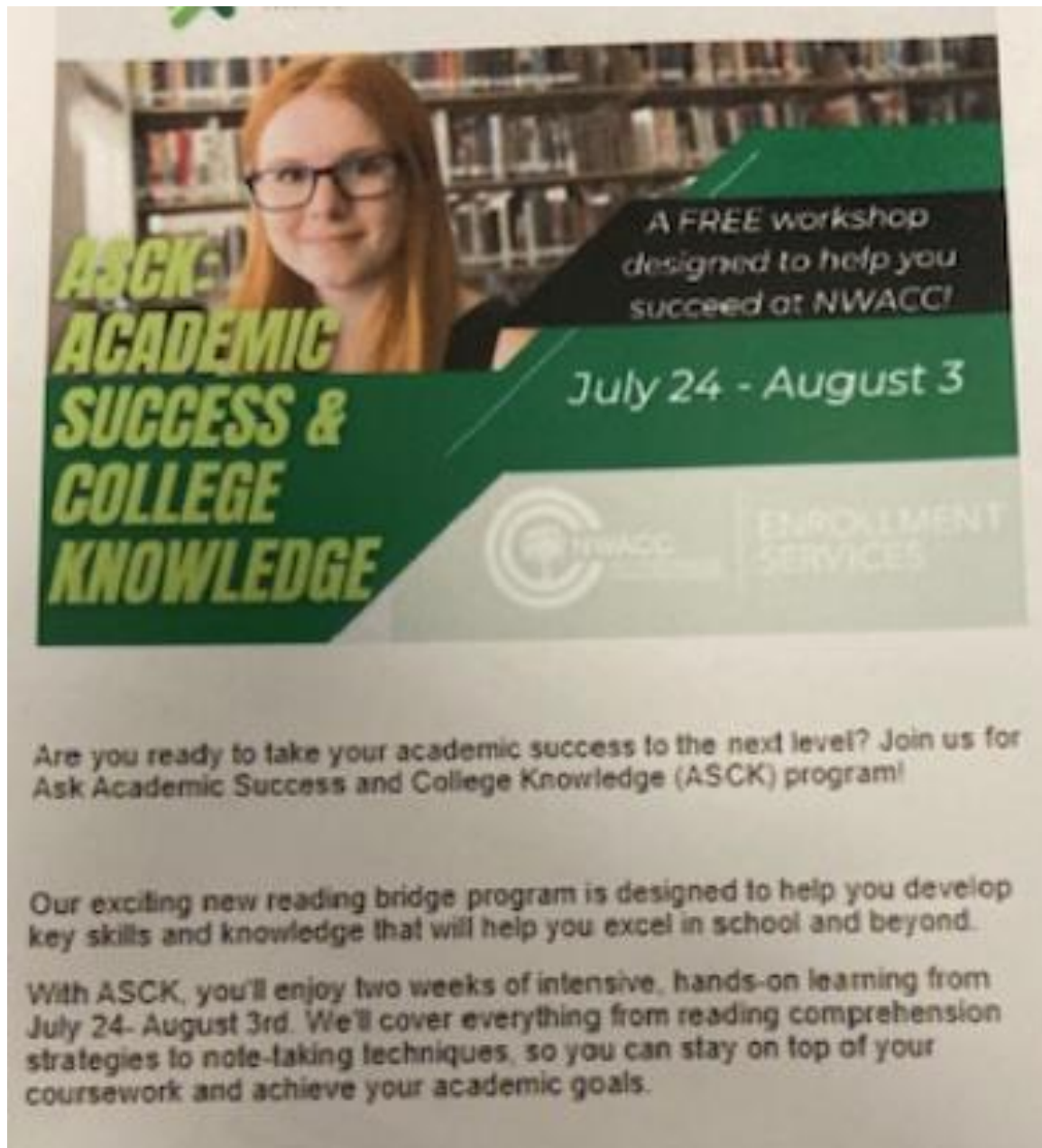
[The Most Popular Jobs For Recent College Graduates – Forbes Advisor](#)

- 1. Ability to work with a team***
- 2. Ability to make decisions/solve problems***
- 3. A Positive attitude and strong work ethic***



How can we
help students
address the
gap in soft skills
in order to be
successful in
college and
their careers?

- 1) Coordinate skill acquirement goals : K-12, Higher Ed, and Employer needs. Immerse ourselves with employers, determine needs, and then develop curriculum/learning outcomes based on these needs (backward mapping).
- 2) Provide internships/apprenticeships programs
- 3) Provide effective support mechanisms that address soft skills.
 - Workshops *before* the start of college courses (high school)
 - Academic Success Coaching
 - Summer Bridge Programs
 - Orientation Events
- 4) Provide mentor/coach training for faculty and staff
- 5) Increase Awareness of Non-degree options like Certificates
And Microcredentials

A flyer for the ASCK (Ask Academic Success & College Knowledge) program. It features a photo of a young woman with red hair and glasses in a library. The text on the flyer includes: "ASCK: ACADEMIC SUCCESS & COLLEGE KNOWLEDGE", "A FREE workshop designed to help you succeed at NWACC!", "July 24 - August 3", and "ENROLLMENT SERVICES".

**ASCK:
ACADEMIC
SUCCESS &
COLLEGE
KNOWLEDGE**

A FREE workshop
designed to help you
succeed at NWACC!

July 24 - August 3

ENROLLMENT
SERVICES

Are you ready to take your academic success to the next level? Join us for Ask Academic Success and College Knowledge (ASCK) program!

Our exciting new reading bridge program is designed to help you develop key skills and knowledge that will help you excel in school and beyond.

With ASCK, you'll enjoy two weeks of intensive, hands-on learning from July 24- August 3rd. We'll cover everything from reading comprehension strategies to note-taking techniques, so you can stay on top of your coursework and achieve your academic goals.

Summer Bridge Programs

Academic Success and College Knowledge (ASCK) helps students prepare for the transition from HS to college.



Summer/Spring transition workshops for students "How to College 101"

HOW-TO-COLLEGE 101 WORKSHOP

LEARN HOW TO SUCCEED AS A COLLEGE STUDENT

NWACC students! Attend the **FREE** How-to-College 101 Workshop to improve your academic success skills and prepare for the Spring 2024 semester! There will be a drawing for a gift card during the workshop.



WORKSHOP INCLUDES:

- ▶ Time management strategies
- ▶ What is a course syllabus?
- ▶ Note-taking and study strategies
- ▶ Resources available for NWACC students and much more!

CHOOSE A WORKSHOP DATE:

- ▶ January 12th, Friday, 7 PM - 8 PM (Virtual)
- ▶ January 19th, Friday, 11 AM - 12 PM (Virtual)

REGISTER AT:

www.nwacc.edu/College101

WORKSHOP LOCATION:

Virtual Workshop: If you sign up for a virtual workshop, the meeting link will be emailed to you with a reminder approximately one week before the workshop.

QUESTIONS?

Contact NWACC Director of Student Success Sheri Groesbeck at sgroesbeck@nwacc.edu



Scan the QR code to register online.



Academic Success Workshops

Date	Time /Place	Topic
1/12, Friday	7:00-8:00pm TEAMS	How to College 101 Click here to join the meeting
1/19, Friday	11am-12pm TEAMS	How to College 101 Click here to join the meeting
1/26, Friday	1:30-2:30 pm TEAMS	What is a Syllabus? Click here to join the meeting
2/2, Friday	1:30-2:30 TEAMS	Time Management and Avoiding Procrastination Click here to join the meeting
2/9, Friday	1:30-2:30 TEAMS	Active Listening Strategies Click here to join the meeting
2/16, Friday	1:30-2:30 TEAMS	Notetaking and Study Skills Click here to join the meeting
2/23, Friday	1:30-2:30 TEAMS	Test Prep and Strategies to Avoid Test Anxiety Click here to join the meeting
3/1, Friday	1:30-2:30 TEAMS	Avoiding Burnout and Overcoming Failure Click here to join the meeting
3/8, Friday	1:30-2:30 TEAMS	Self-Care and Mental Health Click here to join the meeting
3/15, Friday	1:30-2:30 TEAMS	Personal Finance for College Students Click here to join the meeting
4/5, Friday	1:30-2:30 TEAMS	Avoiding Burnout and Overcoming Failure Click here to join the meeting
4/12, Friday	1:30-2:30 TEAMS	Time Management and Procrastination Click here to join the meeting
4/26, Friday	1:30-2:30 TEAMS	Finish Strong Click here to join the meeting
5/3, Friday	1:30-2:30 TEAMS	Finish Strong Click here to join the meeting

[Workshops Spring 2024](#)



EAGLE WELCOME



Orientation Events



WELCOME TO NWACC!

Schedule

Know Your Code

You Are Not Alone

College 101

Get Involved @ NWACC

This is Your Library

Student Success Resources

DATES & TIMES

Washington County Date

- Wednesday, January 11th: 1:00 pm to 4:00 pm

Bentonville Campus Date

- Thursday, January 12th: 1:00 pm to 4:00 pm

EVENT SCHEDULE

CHECK-IN AND RESOURCE FAIR

Bentonville: Student Center Room 108 | **Washington County:** Room 107

1:00 pm - 1:50 pm

MANDATORY SESSIONS

Bentonville: Burns Hall, White Auditorium | **Washington County:** Room 105

2:00 pm - 2:20 pm: *Know Your Code*

2:20 pm - 2:35 pm: *You Are Not Alone*

2:35 pm - 2:55 pm: *College 101*

STUDENT CHOICE SESSIONS

[See session descriptions for locations.](#)

3:10 pm - 3:30 pm

3:40 pm - 4:00 pm

CHECK-OUT AND RESOURCE FAIR

Bentonville: Student Center Room 108 | **Washington County:** Room 107

4:00 pm - 4:30 pm

SESSIONS



THREE MANDATORY SESSIONS

KNOW YOUR CODE & NAVIGATE NWACC

Bentonville: Burns Hall, White Auditorium | **Washington County:** Room 105

Providing a positive and safe learning environment for everyone is a priority! You'll get a general overview of the student code of conduct, as well as where/how to report an incident. This session will also address free speech at NWACC, safety and security on campus, reporting Title IX concerns, and how to sign up for our campus communications and security alert systems.

YOU ARE NOT ALONE

Bentonville: Burns Hall, White Auditorium | **Washington County:** Room 105

Personal counseling is a positive step you can take to help you learn healthy coping skills when faced with something that may be distressing to you. It is an opportunity to eliminate barriers that may interfere with your success at NWACC.

There are often life stressors that college students encounter (moving, change in finances, balancing demands of parenting/school/work, etc.). If you are beginning to feel stressed or overwhelmed, please make an appointment by emailing counseling@nwacc.edu. The Student Health & Safety fee from your tuition covers the cost of all counseling services. There is no extra fee.

COLLEGE 101

Bentonville: Burns Hall, White Auditorium | **Washington County:** Room 105

Nervous about college? Have some questions? This informal and informative session will give you an opportunity to ask anything you're curious about. We will give you some of our best tools and tricks to navigating the college environment and finding success in and out of the classroom.



ACT Prep Boot Camps

Plan for 2024 and Beyond:

ACT Prep Bootcamps |

1. Reading and Writing Bootcamp

What? Review literacy skills and build confidence

Why? Improve placement scores/prep for ENG courses/HESI prep

When? Spring/early Summer

Reading 10am-12pm

Lunch/pep rally 12-1pm (White Auditorium) Jessica Chronister

Writing 1:00-3:00pm

Where? NWACC campus

2. Math Bootcamp

What? Review Math skills and become more confident

Where? NWACC Campus 10-12 pm

When? Summer/Spring/Winter

Why? Reduce math anxiety, improve placement scores, refresher, HESI prep.

3. Student Success Bootcamp

What? Workshop to learn about student success strategies.

Who? Incoming NWACC students

When? Summer/Winter

Why? Prep for college success, create relationships and belonging, resource awareness.

Degree Plans 2023 | NorthWest Arkansas Community College (nwacc.edu)

Bicycle Assembly & Repair ^

Bicycle Assembly & Repair

Technical Certificate

- Bicycle Assembly & Repair

Business ^

Business

[AS - Business Administration, UA - Walton College of Business](#)

Options

- Business Transfer (UA WCOB)
- Computer Information Systems Transfer (UA WCOB)

[AS in Business, General Transfer \(also available 100% online\)](#)

[AAS - Business Management \(also available 95% online\)](#)

Options

- Accounting Technology
- Banking and Finance
- General Business
- Entrepreneurship
- Retail Management
- Logistics Management

Technical Certificate

- Accounting Technology
- General Business
- Entrepreneurship
- Retail
- Logistics Management

Child Advocacy v

Cinematic Studi

Construction v

Computers v

Criminal Justice v

Bicycle Assembly
and Repair

NorthWest Arkansas Community College

Certificate of Proficiency in Construction Technology 2023 Degree Plan

Student Name:

Student ID #:

18 Hours

General Education (3 Hours)

MATH 1003 Survey of Technical Math
OR Higher Math

Core Construction Courses (15 Hours)

CST 1313 Materials of Construction
OR
CST 1323 Introduction to Craft Skills
CST 2213 Construction Methods I
CST 2223 Construction Methods II
CST 2413 Estimating
CST 2523 Project Scheduling

Criminal Justice ^

Criminal Justice

[AAS in Criminal Justice](#)

Technical Certificate

- Criminal Justice

Certificate of Proficiency

- Criminal Justice
- Crime Prevention and Corrections
- Forensic Science
- Justice Studies
- Law Enforcement

Education ^

Education

[AAS in Early Childhood Education](#)

Technical Certificate

- Early Childhood Education

Certificate of Proficiency

- Child Development Associate (CDA)

Electronics Technology ^

Electronics Technology

[AAS in Electronics Technology](#)

Certificate of Proficiency

- Electronics Technology

Environmental Science v

Fine Arts v

Food Studies v

General Studies ^



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Thank you!

Questions or Comments??

Contact Sheri Groesbeck
Director of Student Success
sgroesbeck@nwacc.edu