



# CTE CORNER

**ISSUE 23 - MARCH 2023** 

# **CTE Application Dates & Timelines**

The <u>College & Career Readiness Bureau</u> is accepting Annual Performance Reports (APR) and Career Technical Education (CTE) Funding Applications for the 2023-2024 school year. Submissions are due **March 31**, 2023.

Please submit reports and applications via the <u>Grant Management System</u>.

For more information, please reach out to your regional CCRB Grant Manager.

# **CTE Funding Application Workshop—Replay**

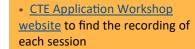
On January 11 -12, 2023, the College and Career Readiness Bureau co-hosted the CTE Application Workshop with Central New Mexico Community College. The event took place at the CNM

event took place at the CNM Workforce Training Center, as a kick off the next funding cycle.

Thank you to the 200+ people who participated in-person or online in advancing their CTE professional learning! As the challenge of building your next CTE budget begins, many

resources are available to support you through this process. For those of you who may have missed the workshop and for those who attended and wish to revisit the detailed stepby-step processes, you can access the links to the workshop session and resources below:

#### Links



\* CTE Application Google Drive for access to all presentation resources

If you need additional guidance or support, please reach out to your <u>CTE Coach</u> to schedule a planning meeting for support with the application process.

#### How likely would Average you recommend DAY 1 LINK **Workshop Rating** this event to a by Attendee colleague? (0-5)(0-5) 4.79 4.75 Opening Welcome Session Average 4.49 4.51 CTE Fundamentals for 1st or 2nd Year Applicants Average 4.66 4.69 Strengthening your CTE Programs for Experienced Applicants Average 4.94 4.94 CTE Fiscal Management for Business Office Staff Average EDGAR Compliance Training provided by Brustein & Manasevit, PLLC Average 4.64 4.63 4.67 4.67 Grand Average

Attendee Feedback	DAY 2 Session Name	<u>LINK</u>	Average Workshop Rating by Attendee (0-5)	How likely would you recommend this event to a colleague? (0-5)
CTE Student Panel Average			4.93	4.90
CTE Grant Application Process for 2023-2024 Average			4.69	4.67
Individually Funded LEAs Work Group Average			4.74	4.67
Consortia (Pooled) Funded LEAs Work Group Average			5.00	5.00
Post-Secondary Funded LEAs Work Group Average			4.67	4.67
Grand Average			4.75	4.72

# MESSAGE FROM TEAM CCRB MELISSA DeLAURENTIS



### Kicking off the 2023-2024 CTE Funding Cycle

The Annual Performance Report (APR) and FY24 CTE Application opened in the Grant Management System on Monday, February 13, 2023. We encourage each school to start by reflecting on the progress of your CTE programs through the completion of the APR. This process will support the identification of performance and program gaps that should be intentionally addressed with next year's CTE budget. The APR and CTE Application are due by March 31, 2023.

The goal of CCRB is to strengthen CTE outcomes throughout New Mexico. We value your hard work and admire your dedication to enhancing your student's career readiness. In partnership, we can continue to increase our impact.

Please Contact any member of our <u>CCRB</u> <u>Staff</u> for questions about CTE programs, Career Technical Education funding, graduation requirements, CTSOs, dual credit, work-based learning, or with any questions or concerns you may have about programs in your region.

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# **CTE Champions**

#### **Deming Public Schools. Home of the Wildcats**

The Deming Public Schools District (DPSD) is located in the southwest part of the state, CTE Region G. DPSD has a large migrant population. Additionally, they bus in 800 international students from Palomas, Mexico. The DPSD has a robust CTE program. NMPED-CCRB recently had a sit down with DPSD and a tour of Deming High School with the Director of Student Equity - Armando Chavez, Assistant CTE Coordinator – Sylvia Contreras, and Deming High School Assistant Principal - Gaspar Lozano. Although Deming High School has an enrollment of roughly 1200 students, the beautiful campus offers a warm and small campus feel. Students are respectful and welcoming, as are the staff. Some of the CTE Programs they offer include Carpentry, Media Production, and Programming

and Cybersecurity. Additionally, they offer classes such as manufacturing

engineering, family and consumer science, and nursing.

Media Production -Deming High School teachers Liz Gomez and Liz Kriegal run the Media Productions pathway. Last school year they participated in Film Prize Junior which is a short film competition for middle and high school students. Deming High School walked away with the Grand Prize for best documentary and Audience Choice awards. Students have daily hands-on experience with the filming and broadcasting of school news. They also offer two podcasts where they cover social and emotional learning (SEL) topics. The podcast is offered in both English and Spanish.



Pictured with a group of Deming High School Students, L-R Armando Chavez, Liz Kriegal, Sylvia Contreras, Gaspar Lozano, Liz Gomez.



Carpentry -Their carpentry pathway includes experience in the development of a business plan. The program offer items built by students, to the greater community for donations that go directly back into their program. The photo to the left shows Deming high carpentry teacher Mr. Richard Perales helping students build a wall that will enclose the Laser Engraver which must be in a dust free environment.







Manufacturing -They also offer a manufacturing engineering program taught by Mr. David Wertz. Students learn how to produce goods utilizing 3-d printers. Students in class were designing and making chess sets. In the robotics class, senior Marisol Valeria stated that at first, she was nervous about taking the course as a nontraditional student. She found the class engaging and it boosted her confidence. She is now recruiting more nontraditional students to enroll in the pathway.



Welding - DHS has offers an all female welding class which currently has 17 female students ranging from levels 1-3. The program bought lighter helmets and jackets to accommodate their nontraditional students.



PRO Start/Culinary - DHS also offers Family and Consumer Science classes taught by Mrs. Gen Wertz. Students were preparing for competition using their state-of-the-art kitchen. However at competition, they must use alternative ways to cook. They will not have access to stoves, ovens, or refrigeration. They also offer a restaurant on campus where staff can purchase restaurant quality meals.



**Nursing** - Deming offers a nursing program which comes complete with an emergency room style classroom which includes hospital beds.

**Programming and Cybersecurity** -Deming HS is currently in its first year implementing Intro to Computer Science through PLTW with Mr. David Brugger leading the way. DHS is looking at implementing Cyber Security in its second year through the program.





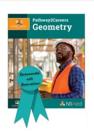




# 2022-2023 is the YEAR OF MATH











**Pathway2Careers** is a free, standards aligned, HQIM resource for use by high school math and CTE teachers. Interested in learning more? Several upcoming opportunities are available:



\* Schedule a virtual tour of the program or a "quick start" of any one of the resources. Email Alexandra.Lutz@ped.nm.gov or call 505-490-3648.

<u>Pathway2Careers</u> teaches math skills in the context of high-value careers. More than 500 online lessons cover all core secondary math courses, searchable by standard, skill, or career. This is achieved through providing effective, vested, engaging sole source solutions in customized labor market data, career exploration tools, and mathematics & career-connected learning curricula.

Pathway2Careers is a newly-developed set of math resources that present each new math concept in the context of a high-value career in New Mexico. Developed and paid for as part of a grant from the US Dept of Ed, P2C engages middle and high school students by connecting their schoolwork with their futures. Pathway2Careers is available for pre-Algebra/8<sup>th</sup>-grade math, Algebra I, Geometry, and Algebra II.

## Pathway2Careers Math Curriculum Adds 18 New Projects

Pathway2Careers now includes 18 projects developed using principles of problem-based learning to provide a career immersion experience as students tackle real-world scenarios within IT Careers. More than 15 new projects have been added to the curriculum, allowing teachers a new assessment offering utilizing problem-based learning ideologies. Each activity offers four career scenarios that represent four different openended questions from which students can apply and demonstrate their understanding of math concepts around specific mathematic learning domains. **Download a Sample** 

Pathway2Careers is a comprehensive math curriculum (8<sup>th</sup> Grade Math, Algebra I, Geometry, Algebra II (IIa and IIb) that is free to all schools in New Mexico. Funded by a Federal Grant, *The Expanding Access to Well-Rounded Courses Demonstration*, Pathway2Careers looks to enhance the college and career readiness or all students in New Mexico.

Pathway2Careers teaches math concepts in the contexts of careers, to help student connect and engage with math by showing them diverse, real-world examples of mathematics begin practiced in hundreds of quality careers. To learn more or to get started using the standards aligned, HQIM resource visit <u>careers2communities.com</u>. Complete the Get Started form to request access to Pathway2Careers.



# What's Happening with AP?

In fall 2023, College Board is launching a new **AP Precalculus** course. AP Precalculus was created to prepare a wide range of students to succeed in math they will encounter in college and STEM careers. If you are interested in adding this course to your 2023-2024 course offerings, please review the **AP Precalculus course description**. For more information, contact **Melissa.DeLaurentis@ped.nm.gov**.



2023-24 School Year



# ADVANCED PLACEMENT PROFESSIONAL LEARNING 22'

Event Color Coding Key: AP Coordinator Workshop, General Workshop, Educator PLC, Winter Workshops, Spring Workshops, & APSIs



 $\bigcirc$  CollegeBoard

MARCH 8, 2023 4:00PM - 5:00PM

MARCH 8, 2023 AP Educator PLC #5

LINK

MARCH 29, 2023 2:00PM - 3:00PM

AP Coordinator Exam Order
Workshop #2

APRIL 19, 2023 AP Educator PLC #6

JUNE 5-8, 2023 AP Summer Institutes Week 1 8:00AM -4:00PM (Albuquerque, in-person)

JUNE 12-15, 2023 8:00AM - 4:00PM AP Summer Institutes Week 2 (virtual)

For more information, contact <u>Melissa.DeLaurentis@ped.nm.gov</u>

The NMPED Advanced Placement professional learning series is subject to change.









# **Computer Science Education**

The College and Career Readiness Bureau, in conjunction with the Math and Science Bureau, have been developing an official definition for Computer Science and related definitions relative to education. This definition helps to set a standard for what Computer Science is and how it fits into New Mexico classrooms and will be used to guide course development, share related definitions that work in tandem with CS, and help to ensure that all New Mexico students have access to CS. After a rigorous process, these definitions have been drafted and approved by the New Mexico Public Education Department. Click here to access the NM CS Definition. For more information, contact Melissa.DeLaurentis@ped.nm.gov.



Four Corners Computer Science Convening: NMPED is currently working in conjunction with the states of Arizona, Utah, and Colorado to host a Four Corners Computer Science Convening on July 9-11th, 2023, at Ft. Lewis College in Durango, CO. The event will focus on computer science education for Native American students K-12. Educators & administrators that work directly with Native American



students K-12. Educators & administrators that work directly with Native American students and want ideas and support for expanding computer science education are encouraged to attend. We are looking for educators who would be interested in participating. If you are interested in attending, fill out the interest form by <u>clicking here</u> to receive additional information. Registration, food, and lodging costs will be covered. For more information, reach out to <u>Melisa.DeLaurentis@ped.nm.us</u>.

# Dates and Events

#### **Superintendents, Charter School Directors and Tribal Education Leaders:**

#### **PED Leadership Update**

Gov. Michelle Lujan Grisham has appointed Dr. Arsenio Romero as PED Secretary-Designate. Currently he serves as Los Lunas superintendent and will begin his PED leadership in March. Children's Cabinet Director Mariana Padilla, currently serving as interim PED leadership, introduced Dr. Romero to PED staff earlier this week. See the announcement on <a href="Facebook">Facebook</a>, <a href="Instagram">Instagram</a> and <a href="LinkedIn">LinkedIn</a>.

### **Social Studies Standards Learning Series**

PED is seeking qualified educators to participate in a <u>community of practice</u> focused on utilizing the existing Social Studies Standards Learning Series courses created in 2022 to support implementation of the new standards. Express interest <u>here</u> by **March 3**. Questions? <u>Lorraine Archibald</u>

#### **Community Schools Grant Conference for Principals**

The Community Schools and Extended Learning Time Bureau is holding virtual Community School Grant conferences **March 13-16** for principals. CS Coordinators are also encouraged to attend. The conferences are mandatory for any principals interested in applying for community school designation. Go to the <u>Community Schools Webpage</u> for details and learn how to <u>sign up</u> for these conferences according to the phase your site will be applying for in FY 23-24. Questions? Julie Brenning

# **State Bilingual Multicultural Education Funding Applications**

Reminder, State Bilingual Multicultural Education Program Funding Applications for 2023-2024 are currently available in the <u>SharePoint site for BMEPs</u>. The **Continuing Program Application** is due **March 31** (<u>Instructions</u>). The <u>Initial</u> **Program Application** is due **April 13** (<u>Instructions</u>). Questions? <u>Carlos Avila</u>

#### **Other PED Newsletters**

STEM Ready Connect News

STARS to NOVA Update

Assessment Bureau Newsletter

#### **DATES & DEADLINES**

Mar. 3: 2023 Counselor Conference

Mar. 3: Bilingual Multicultural Education Advisory Council <u>application</u> deadline

Mar. 7-8: BME/Title III Directors Spring 2023 Virtual Meeting (see LCD Update)

Mar. 10-11: Ruidoso. <u>NMPED Language & Culture Division - 2022-2023 - 2-Day CLR Instruction Deep Dive-In</u>

Mar. 13-16: Community School Grant conferences

Mar. 31: <u>CCRB</u> Annual Performance Reports (APR) and Career Technical Education (CTE) Funding Applications for the 2023-2024 school year are due. Submit reports and applications via the <u>Grant Management System.</u> For more information, please reach out to your regional <u>CCRB Grant Manager</u>.

Mar. 31: Professional Development Dossier submission period closes

Mar. 31: Online Portfolio for Alternative Licensure submission deadline

Mar. 31: BMEP Continuing Program Application due

Apr. 10: NM OpenSciEd Elementary Field Test Facilitator applications due

Apr. 13: BMEP Initial Program Application due

Apr. 28-29: Aztec. NMPED Language & Culture Division - 2022-2023 - 2-Day CLR Instruction Deep Dive-In

Jul. 24-26: Charter Schools Conference

### Also, check out:

The **Public Education Calendar** 

Create New Mexico Initiative information

Express interest in getting free Adobe Creative Cloud licenses

Weekly Storytime. Subscribe here.

PED RFPS, RFIS and RFAS

PED Free Academic Support for PreK-8 Students











# **Events & Resources**



# 2023 COUNSELOR CONFERENCE





PD FOR CAREER DEVELOPMENT MARCH 3, 2023 9 AM - 2:30 PM









Driving 2 hours to get to ARC NM? You'll get a free hotel stay on Thursday night!



newl



Change your perspective about CTE



87107

Connect with CCRR NMDWS staff & other school counselors/advisors



Feel confident in talking to students about careers



students will benefit from what you learned and what you will implement



The College and Career Readiness Bureau (CCRB) and the Associated Builders and Contractors of New Mexico (ABC NM), in partnership with NS4ed, will host the 2023 Counselor Conference in Albuquerque on Friday, March 3, 2023, from 9 am - 2:30 pm.

The conference is designed for high school counselors/advisors or community-based organizations that serve high school students, to learn more about implementing career-focused initiatives at their schools and to bring you to Career & Technical Education programs in the state. The event provides opportunities to connect with others and equip attendees with strategies to support career awareness and development for our students.

The event will be hybrid, maxed at 50 people in person. One counselor per department can attend in person, due to space limitations. If you will have to travel more than two hours to get to the building (2821 Broadway NE, Albuquerque, NM 87107), a hotel room will be provided for you on the night of Thursday, March 2, 2023. Counselors who need a hotel room will be contacted via email from our partners from NS4ed, Kelly Kennedy.

You will have to have registered by February 3, 2023, if you are joining us in person.

Click here to view detailed information on the workshop sessions and register for virtual session by using this link.

> For more information on the workshop please email holly.noel@ns4ed.com.

# MATRICULATE

# WHAT IS MATRICULATE?

#### Video Link

Matriculate is a FREE virtual college advising program that connects high-achieving low-income students with a near-peer college mentor who works one-on-one with students throughout the college and financial aid processes.

Our mentors — called Advising Fellows — are trained college students who will help you with all of your stops on the road map to college.

Join our mailing list below, and get early access to our Class of 2024 application!

JOIN THE COMMUNITY

Aerospace sponsors Future STEM Leaders Scholarship. The \$5000 scholarship is awarded to a high school junior or senior planning to study a STEM field, who qualifies for free or reduced-price lunch, and

who is preferably the first person in their family to go to college. The scholarship is open to high

school students in New Mexico who meet the qualifications and submit an application. We will award at least two scholarships in 2023, and we will conduct a fund-raising campaign with the intent of raising enough to award a third scholarship.

We would appreciate your assistance in sharing this opportunity through your resources at the Public Education Department. I and members of the Aerospace Albuquerque Regional

Office are available to make presentations regarding the scholarship and to answer questions. Please let us know how

we can make this opportunity known to as wide an audience of potential applicants as possible.

The Aerospace Future STEM Leaders Student Portal is here. The scholarship application is **here**. Applications are due 21 April 2023.

# A presentation of the New Mexico Career Technical Leadership Project





### **NM Career Technical Leadership Project (NMCTSO Promotional Video**)

It has never been more important for students to graduate from high school ready to navigate the challenges of **College and Career**. Today's employers need a workforce with skills that go well beyond the basics. A Workforce prepared to succeed in the vast changing Global Marketplace.

The Career Technical Leadership Project manages four Career Technical Student Organizations in the New Mexico. These organizations engage student members in career and technical education activities as an integral part of the instruction program to meet the needs of a well-trained workforce for the 21st century. Click here to learn more









# **Events & Resources**



#### **NMFAFSA HOME**

<u>Prep for FAFSA</u> » <u>FSA ID</u> » <u>Get The App</u> » <u>FAFSA</u> Myths

<u>Help with FAFSA</u> » <u>Tax Info</u> » <u>Who's My</u> Parent? » Undocumented

After the FAFSA » Verification

**Events Calendar** » Workshop Events Entry Form

**Grants & Work Study** 

Scholarships » \$500 Scholarship Entry Form

Plan Your Future » College Costs » Saving for

College » Budgeting » Understanding

Credit » Health

<u>Professionals</u> » <u>Military</u> » <u>Teachers</u>

**FAFSA Training Resources** 



#### **Resource for Jobs & Career Education:**

New Mexicans now have a new tool at their fingertips to connect to jobs and career education with Ready.NM.gov!

The Department of Workforce Solutions, New Mexico Workforce Connection, and Higher Education Department developed a comprehensive website and helpline to increase access to gainful employment opportunities in the state. It allows New Mexicans to explore current job openings, learn about high-demand career fields, find career training and educational programs near them, and access information about other resources HERE

Mar 31 2023 New Mexico Women in Trades Summit





THE NEW MEXICO ASSOCIATION FOR CAREER TECHNICAL EDUCATION INVITES YOU TO OUR MONTHLY HOSTED:

# CTE SOCIALS!



Online Schedule:

First Wednesday of every month-

√ Wed: October 5, 2022 ✓ Wed: November 2, 2022 ✓ Wed: December 7, 2022 ✓ Wed: January 4, 2023 ✓ Wed: February 1, 2023 ✓ Wed: March 1, 2023

√ Wed: April 5, 2023

New Mexico ACTE



NMACTE is excited to bring professionals from across the state together to discuss wha is important to you! Meet others from around NM in your same division to share ideas, and learn the latest in CTE news with

updates & highlights!

JOIN ZOOM MEETING:
https://us02web.zoom.us/i/81659039380

MEETING ID: 816 5903 9380

DIAL-IN NUMBER: +1 669 444 9171





We'll guide you step-by-step on your journey to a successful career in the trades.

RIGHT JOB. RIGHT GUIDANCE. RIGHT NOW

TAKE QUIZ

Apply to Build an HVAC or Plumbing Skills Lab in YOUR School

Create an amazing learning opportunity for your students by bringing the trades into your classroom!

Resources are available for both new skills labs and refurbishments to existing training spaces. Middle schools AND high schools are eligible to apply. Applications are open now through March 31, 2023.



Junior Achievement helps prepare today's students for a bright future



# **Schools and Parents**

Junior Achievement provides activities, guides, thought leadership and lots of additional resources to support learning.

SCHOOLS AND PARENTS, BEGIN HERE

# **Career Cluster Guidebooks**

The **New Mexico Career Clusters Guidebook** is a valuable resource to help guide students as they make important life and career decisions.

The guide is designed to be a tool for planning and preparing students for a career. This comprehensive guidebook provides a structure for selecting careers. It links what they know about themselves with information about occupations and typical training requirements.

Order your FREE Spanish hard copies here. Access English & Spanish PDF downloads here.

**Career Clusters Guide** - 16 Career Clusters, Career Pathways & Tools to help students discover where their interests and career clusters intersect. Whether you are a student or a career counselor, this guide can **help with career planning and preparing for the jobs of today and tomorrow**.

Having information about career options and the education needed to prepare for those careers is an important first step to becoming job ready. Use this guide to explore what jobs match your interests through the **career interest profiler**, learn about **in-demand careers in our state**, and find opportunities to **try out a career through work-based learning**. Questions? Kevin O'Shea at 505-629-7705 or <u>kevin.oshea@ped.nm.gov</u>











# COLLEGE AND CAREER READINESS STAFF



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- \* Projects: Careers2Community
- \* CTE Region: I
- \* Initiatives: Careers2Community, Early College High Schools
- Programs of Study: Healthcare, Bioscience
- CTLP
- \* CTSOs: BPA, HOSA



**Marc Duske** Special Projects Manager Marc.Duske@ped.nm.gov 505-490-7804

\* Initiatives: Work Based Learning, Summer Internship



Alexandra Lutz Program Manager Alexandra.Lutz@ped.nm.gov 505-490-3648

- \* Projects: Careers2Community
- \* CTE Region: A



**Louise Williams Education Administrator** Louise.Williams@ped.nm.gov 505-690-6577

\* Initiatives: Innovation Zone



**Rick Schmidt Education Administrator** Rick.Schmidt@ped.nm.gov 505-396-1257

- \* CTE Region: B, C
- Initiatives: Office for Civil Rights/Federal Compliance
- Programs of Study: Law, Security
- \* CTSO: CTLP



Susan Chaudoir, PhD **Education Administrator** Susan.Chaudoir@ped.nm.gov 505-231-6519

- \* CTE Region: D
- \* Initiatives: Climate Change
- Programs of Study: Film, Outdoor



Melissa DeLaurentis, Ed.D **Education Administrator** Melissa.DeLaurentis@ped.nm.gov 505-490-3912

- \* CTE Region: K
- \* Initiatives: Advanced Placement
- Programs of Study: Information Technology, Cybersecurity, Aeronautics
- \* CTSOs: Computer Science Alliance



**Denise Ojeda Education Administrator** Denise.Ojeda@ped.nm.gov 505-490-2160

- \* CTE Regions: E
- Initiatives: Certifications
- Programs of Study: Architecture, Construction, Manufacturing, Transportation
- CTSO: SkillsUSA



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- \* CTE Region: G
- Initiatives: Work Based Learning, Innovation Zone, **Graduation Coursework Requirements**



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\* CTE Regions: H



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- \* CTE Region: J
- \* Initiatives: Dual Credit



Karla Meléndez Work-Based Learning Coordinator Karla.Melendez@ped.nm.gov 505-250-2668



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\* Initiatives: Career Cluster Guide, CTE Corner Newsletter



Crystal F. Vigil **Financial Coordinator** Crystal.Vigil3@ped.nm.gov 505-490-0663









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