



Industry Partners:

As we close out another year in the Construction Management Program at NAU, I would like to thank everyone who has helped make 2023-2024 a success. We graduated 56 students, exceeded our fund-raising goals, built up our endowments, and made improvements to the curriculum that helps us produce the best prepared young construction professionals in the country.

service to the CM Program. Duncan and Dylan Lutes received the Scott McFarland Houlihan with our Academic Achievement Awards. Tañia received the prestigious Golden Axe Award. two of only twenty-one NAU graduates in Fall of '23 who secured employment upon graduation. CM students Gabriella Coll and Leopoldo Beltran were recognized as with GPAs exceeding 3.5 and more than 80% having seen an increase in the number of students graduating freshman class numbering over 80 students. We have up to 315 students in spring of 2024 with a Fall 2023 This past year, we saw a continued increase in enrollment, Award, given to students who have provided outstanding McDermott as Annual Demo Ball in May, we recognized our Outstanding Senior and Marin Mason At the

Our students have had opportunities to visit jobsites and to engage in community services projects in ways that provide context to their academics and help them grow as members of the construction community. Special thanks to **West Coast Partitions** for underwriting the Puerto Peñasco home building trip and to **McCarthy Construction** for strong support to our NAU Women in Construction organization.

We are proud to announce the successful promotion of **Dr. Jeffrey Heiderscheidt** to Principal Teaching Professor and **Mr. Robert Bruner** to Full Professor of Practice. **Dr. Lou Cirelli** was selected as the CM Professor of the year and College Teacher of the Year joining Professors Kaoni, Drogi and myself as members of the prestigious NAU Teaching Academy.

With an eye on the future, we engaged our Industry Advisory Board to take a close look at our fund-raising model to ensure that we will have the resources to sustain and continue to grow the program into the foreseeable

future. The Board identified the need to increase fund raising for the program to address growing enrollments, increasing expenses, and essential faculty retention efforts. As a result, we have adjusted the sponsorship rates and provide a forecast for the next five years to assist our industry partners with their planning. We are also relaxing the cap on the number of Gold and Platinum Sponsors.

We also recognized a potential to streamline the Generation Next sponsorship program and provide more opportunities for industry involvement. In 2024-25, we will be focusing on student event partnerships, improved student experiences and faculty development.

We will continue our successful Construction Management-specific career fairs that attract more than half of our students looking for internships and careers. In 2024-25, these career fairs in October and February will be exclusive our Generation Next Sponsors.

Other changes to our sponsorship program include acknowledgement of lower-level contributors to the program, prominent presentation of sponsors at events and on our new kiosks in the CM computer lab, recognition of top contributors at our annual banquet and in our annual report, and options for personalized 'Benefactor' partnerships.

We are pleased to announce and welcome **Dr. Charles Chadwell** as the new Dean of the College of Engineering, Informatics and Applied Sciences. Dr. Chadwell is a Structural Engineer, coming to us from Cal Poly University.

Please reach out to me if you plan to be in Flagstaff and would like to visit the program.

John Tingerthal
Associate Chair and Professor



Industry Advisory Board

FROM THE BOARD

Dear Industry Partners

During our spring meeting in April, the Board convened to discuss various updates and initiatives crucial to the Board's three subcommittees delivered progress reports on their respective areas of focus. growth and success of our Construction Management program. Alongside program and student updates, the

supports utilizing sponsorship funds to support these initiatives. This strategic approach underscores our to further bolster our outreach efforts. Understanding the importance of robust marketing efforts, the Board tours showcasing our facilities, including the C4P lab. Additionally, a new postcard campaign has been launched actively promotes undergraduate enrollment. Volunteers participate in construction career days and conduct diversity. Leveraging conferences, recruitment events, and partnerships with local schools, the committee university. The ongoing expansion of the lab promises significant benefits for both the program and its students. through February 2031 and continues to refine existing courses. A prominent focus has been integrating the C4P sponsor engagement. Meanwhile, the Curriculum Committee celebrated the program's successful accreditation the Generation Next Sponsorship Program. These changes aim to strengthen our financial base and enhance commitment to enhancing program visibility and attracting a diverse and talented student body. The Outreach Committee remains dedicated to attracting top-tier students, with a particular emphasis on lab more extensively across the curriculum, recognizing its role as a distinctive asset for our The Finance Committee was pleased with the outcomes of our Giving Day efforts and approved adjustments to

Best Regards

McCarthy Building Companies, Inc.



INDUSTRY ADVISORY BOARD MEMBERS

Leadersnip

Chair: Matt Lyons, McCarthy Construction

Vice Chair: **Chad Buck**, Sundt

Appointed Members

Aron Kirch, Kitchell Contractors, Inc.

Clay Creaser, JE Dunn

Bill Headley, Holder Construction

Ricardo Naranjo, Henkels & McCoy

James Faria, CORE Construction

Tyler Mark, Wespac Construction

Kelly Gore, Hensel Phelps

DJ Anderson, Willmeng Construction

Mike Thomas, KCS

Dominic Caminiti, UMEC

Nico Swart, PCL Construction

Shaun Segle, CEMEX

Brad Hughes, MA Mortenson

Brian Reitmeyer, Granite Construction

At-Large Members

Brad Gabel, Kitchell (retired)

Justin Newman, Haydon Building Corp.

Rob Presuhn, ISX-Inc.

Greg Ayers, NOX Group

Association Members

Kim Davids, AZ Builders Alliance Construction

Dawn Rogers, AZ Masonry Council

Mike Tulloss, NABA

<u> 2024 - 2025 Meeting Schedule</u>

Fall IAB Meeting

Friday, September 13, 2024

Location: NAU North Valley Campus 15451 N. 28th Ave., Phoenix

Spring IAB Meeting Friday, March 21, 2025

Location: NAU Flagstaff Campus, Union Bldg.

1050 Knoles Dr., Flagstaff

All IAB meetings are open to our industry partners. We encourage your participation as a guest at the meetings to provide insight to the development of our program. For more information on the IAB visit: MAU.EDU/CM/IAB

OUR PURPOSE

The general purpose of the Advisory Board is to provide advice, guidance and support for the development of a high-quality Construction Management Program at Northern Arizona University. The Advisory Board's role is to advise the Program Coordinator, Program, and faculty and to help promote the Construction Management Program at NAU. Our Current Standing Committees are the Finance Committee, Curriculum Committee, and the Outreach & Research Committee.

PHILANTHROPY

the program's long-term sustainability. Specifically, our target is to achieve \$1 million each for the Claire Hill backing for future generations. Endowment (student fund) and the Friends of Faculty Endowments by 2030, ensuring consistent financial program initiatives. Additionally, investments have been made into the CM Endowment Funds, aiming to bolster and donations, generated an impressive \$474,105 for the CM program. A significant portion of these funds has been allocated to the CM Special Project Fund, providing crucial financial support for students, faculty, staff, and In the 2023-2024 academic year, the Generation Next and C4P+ Sponsorship Programs, through various events

enhanced partnerships with the CM program. Our ambitious fundraising goal for the upcoming year is set at now benefit from additional exclusive privileges, deeper engagement with our student organizations, and to address rising costs associated with inflation, increasing enrollment, and efforts to retain faculty. Sponsors will Board, resulting in strategic enhancements for the 2024-2025 academic year. These improvements are designed Management program. **\$700,000,** reflecting our commitment to further advancing the excellence and sustainability of our Construction The Generation Next Sponsorship Program underwent a thorough review with our respected Industry Advisory

CONSTRUCT FOR PRACTICE LAB SPONSORS

Thank you, McCarthy Construction, Wilson Electric Services Corp., CORE Construction, Loven Contracting and NOX Group for directly supporting the C4P+ Lab with your generous donations!

MAJOR FINANCIAL CONTRIBUTORS

the educational experiences of our students and reinforcing our commitment to excellence in construction to support student community service projects and significant contributions at our fundraising events. Their education. Their continued partnership and investment in our program are deeply appreciated and instrumental dedication and generosity have made a profound impact on our Construction Management program, enriching Generation Next Sponsorships during the past year. These contributions have encompassed generous donations in our ongoing success. We extend our gratitude to the following companies for their substantial contributions and support beyond their







NOX STEROUP





GENERATION NEXT SPONSORS

PLATINUM SPONSORS

Holder Construction Group Granite Construction Co. Kitchell Contractors Inc.

Wilson Electric Services Corp. McCarthy Construction Co. Sundt Construction Co.

GOLD SPONSORS

Hensel Phelps Construction Canon & Wendt Electric Co. CORE Construction **DPR Construction** A.R. Mays

> Performance Contracting Inc. Penta Building Group Vulcan Materials Co. Weis Builders

West Coast Partitions

JE Dunn Construction Group

SILVER SPONSORS

Baker Concrete Construction Balfour Beatty Construction GH Phipps Construction Haydon Building Corp GSE Construction Inc. **Chasse Building Team** Caliente Construction FCI Constructors, Inc. GCON Construction **Ames Construction Felix Construction** Archer Western **AECOM Hunt**

> The Whiting Turner Contracting Co. Hoffman Construction Co. Okland Construction Co. **Rummel Construction** Southland Industries M.A. Mortenson Co. The Weitz Company Sun Valley Builders MGC Contractors

Willmeng Construction Wespac Construction **VENN Construction**

UMEC

SIGNIFICANT CONTRIBUTORS

HomeCo Lumber and Hardware Advanced Demolition Banicki Construction **Hunter Contracting FNF** Construction CM IAB Members Block – Lite **Loven Contracting** Redline Insulation LGE Design-Build ISX Construction My Estimator Kiewit S WMA A

Tiffany Construction Walsh Construction Ryan Companies SIS Corporation Triad Stee



NAU Giving Day 2024 Raised \$20,000!

uphold this proud tradition of collective impact. seen unprecedented success, thanks to the generosity of Lumberjacks like you who continue to the growth of the CM endowment accounts and the CM Special Project Fund. This year has Thank you, Lumberjack Country! Your AXE of Kindness donations have significantly bolstered

CHALLENGE GIFTS

The following companies contributed "Challenge Gifts" to help promote Giving Day for the CM program. Their passion for NAU is unapparelled, rallying our supportive community and alumni to give to our program. Thank you for being an NAU Giving Day Ambassador and Lumberjack supporter!

Haydon Building Corp., JE Dunn Construction, KCS, McCarthy Construction, Sundt Construction Co. & Wespac.



Condensed Statement of Net Position for Fiscal Years 2024 & 2025

\$241,979	\$129,440		
\$166,500	\$51,000	Faculty Endowment	
\$83,250	\$50,500	Student Endowment	
-\$7,770	\$27,940	et Operating Account	Net
\$460,714	\$374,160	Total Expense	
\$20,500	\$4,000	Technology	
\$93,152	\$72,960	Student Support	
\$5,000	\$3,000	Recruiting Activities	
\$22,340	\$22,500	Faculty Support	
\$132,600	\$116,200	Events	
\$187,122	\$155,500	Expense Administration	ū
\$702,693	\$503,600	Total Income	
\$469,667	\$333,700	Sponsorship	
\$13,334	\$10,000	Gifts	
\$185,200	\$131,900	Events	
\$34,492	\$28,000	Income Endowment Payout	5
FY25 Budget	FY24 Budget		

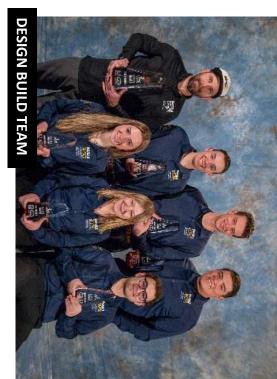
FY24 Actual income and expenses will be available after August 1, 2024



ASC COMPETITION

possible! place in the Alternate Competition, earning to the team's success but also won first victory, standing tall on the podium once Our Design Build team achieved another different sectors of our industry: Heavy Civil, talented and readiness of our top students. This year, platform for us to demonstrate the caliber significance for our program. It serves as a Construction Competition holds immense in Sparks, Nevada. The Associated Schools of attended the 2024 Annual ASC competition construction outstanding achievements It is with great pride that we celebrate the remarkable feat by securing Design Build, Commercial, and Mixed Use Congratulations to all who made these wins Landen Waymire, who not only contributed assembled four teams, with over thirty title Special recognition also goes individuals, of. competition **Alternate** each competing of our student of. teams a third-place the

partnership. and we are deeply grateful for their ongoing directly impacts the success of our students, to participate in this event. Their support contributions make it possible for our teams Generation Next Sponsors whose generous support and guidance. Thank you to our dedication and our sponsors for their for their hard work, our faculty for their effort it requires. We applaud our students mentor, you understand the dedication and whether you were a student competitor or a been part of this competition in the past, industry mentors. For those of you who have their skills weekends to practice problems and refining throughout Each team invested countless hours training the under the fall semester, guidance dedicating









FALL GRADUATES, CLASS OF 2023



David Mortimer	Cole Anderson	Christopher Birch	Christopher Rendon	Charlie Griggs	Audey Yarbrough
Jackson Henkels	Jack Kaiser	Gavin Maxfield	Garret Agan	Gabriella Coll	Elliot Nance
Nicole Fulmer	Nicholas Harrod	Morgan Donnelly	Leopoldo Beltran	Jessica Roth	James Wells
	Zackary Nelson	Zachry Castro Friday	Tyler Guest	Ryan Bieberdorf	Ryan Krell

AWARDS & RECOGNITION



service to the community, involvement in their academic college, and more outside of the classroom through leading student organizations, providing seniors who have made outstanding contributions to the university and Gabriella Coll and Leopoldo Beltran received this award. community. The award honors those who are committed to excelling in life Gold AXE Awards. Each semester, Northern Arizona University recognizes

SPRING GRADUATES, CLASS OF 2024



Lucas DoerksenMargaret HelmenDawson McClellandIsaacNoah DuncanMarin HoulihanMason McDermottZac	Margaret Helmen Dawson McClelland		Grace Dieter Ben Hafer Josh Maignan Jake	Gabriel Calvin Steven Gibson Dylan Lutes Dom	Jack Calabrese Jaren Geis Diego Lopez Gilbe	Nathan Black Bronson Fiore Sevannah Lisk Anth	Broc Arrendale Reece Fernbach Cade Kaufman Kade	Annalise Alexander Jason Eisenbacher Spencer Jacobson Brian	
4 C C C C C C C C C C C C C C C C C C C	Zach Walsh	Isaac Varela	Jake Traverso	Dominic Tanzillo	Gilbert Rios, III	Anthony Porras	Kade Owen	Brian Olthoff	

AWARDS & RECOGNITION

Academic Achievement Award: Marin Houlihan

Scott McFarland Recipients: Tañia Duncan & Dylan Lutes

Outstanding Senior Award: Mason McDermott

STUDENT ORGANIZATION CHAPTERS

STUDENT EVENT PARTNERSHIPS

jobsite field trips. Sponsors will work directly with student organization to plan the event and support student social educational events such as tailgating, community service projects and Sponsors are encouraged to partner with the CMO student organizations to organize and cover any incidental expenses like transportation and meals separately from sponsorship

Our Goal is to offer at least 3 field trips to construction sites each semester.

CMO President, Jonah Graham: jsg335@nau.edu

NAWIC President, Fatima Botello: fo74@nau.edu

DBIA President, Thomas Faulkner: ttf24@nau.edu

For more information about CMO please visit: NAU.EDU/CM/STUDENT-ORGANIZATIONS



onstruction Management Organization The National Association of Women in Construction

CMO LEADERSHIP

President: Jonah Graham Secretary: Hunter Vallejos Social Medial: Karelya Delgado Event Coordinator: Luis Diaz

Vice President: Nick Osika Treasurer: Manny Roman Quarter Master: Will Natale Faculty Advisor: Rob Bruner

NAWIC LEADERSHIP

President: Fatima Botello Secretary: Ryan Adamson Social Media: Alexis Anderson

Vice President: Kendall Marquez Treasurer: Madison Lackey Faculty Advisor: Agnes Drogi





DBIA & LCI LEADERSHIP

DBIA President: Thomas Faulkner DBIA Faculty Advisor: Andrew Iacona ICI President: TRD

LCI President: TBD LCI Faculty Advisor: Lou Cirelli



SIGMA LAMBDA CHI

outstanding students in the construction curricula. Members are inducted on an annual basis to provide recognition to Construction Management Honor Society

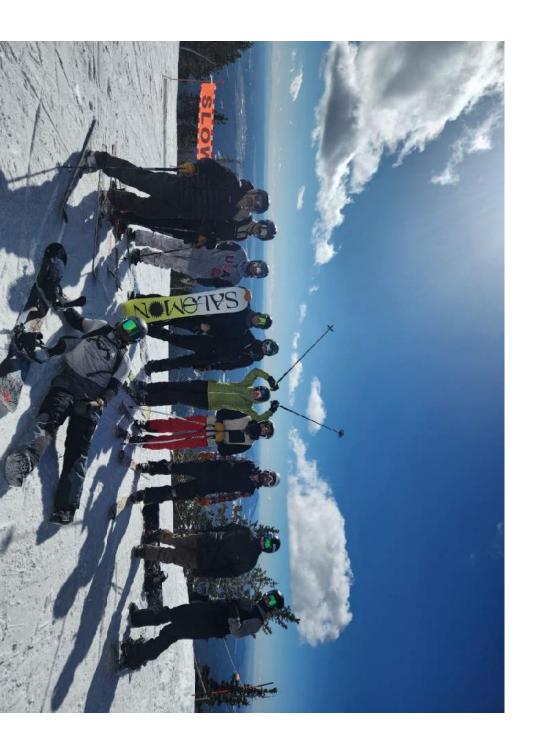
Faculty Advisor: Kai Kaoni

CMO EVENTS

dedication and leadership. gatherings such as BBQ tailgates at NAU home games and exciting ski and snowboard trips to Arizona Snowbowl, enhancing the student experience through a diverse range of initiatives. From organizing vibrant social The CMO student organization stands as a pillar of engagement and support within our program, actively to facilitating educational events like the Construction Industry Seminar Night, these students demonstrate

and professional paths of our students and faculty alike. initiatives, our student organizations continue to grow in influence and enthusiasm, enriching both the academic fostering mentorship opportunities and inspiring the next generation of women in the field. Through these including the National Association of Women in Construction (NAWIC), which has seen significant growth. Their efforts extend beyond student activities, as evidenced by collaborations with industry professionals, NAWIC's impactful "Evening with Industry Professionals" annually celebrates female leadership in construction,

under this shared mission, LCI and DBIA are poised to deliver compelling insights and support to construction promoting best practices, fostering innovation, and advancing the knowledge base within the industry. By uniting This partnership not only strengthens their collective influence but also underscores their commitment to importance of these professional organizations and the invaluable services they offer to the construction sector. construction industry. Together, they are pooling resources to coordinate guest speakers who will emphasize the America (DBIA) group, marking a significant collaboration aimed at enhancing their impact within the The Lean Construction Institute (LCI) group has joined forces with the revitalized Design Build Institute of professionals, contributing to continuous improvement and excellence in project delivery.



CMO EVENTS COMMUNITY SERVICE PROJECTS

legacy of compassion and empowerment. they not only built a house but also forged lasting connections with the local community, leaving behind a more than just physical labor; they symbolized hope and solidarity. Through teamwork and perseverance, help build a home that would soon shelter a family. Through their efforts they came to realize that this was transformative community service project. Their mission: to build a home for a deserving family in need. Armed with determination and a shared passion for making a difference, these students worked tirelessly to In the heart of Puerto Peñasco, Mexico, a team of dedicated student volunteers embarked on a



and the ability to make a tangible difference in the world. taught them valuable construction skills but also instilled in them a deep appreciation for community service contributions would provide a family with stability and a brighter future. Habitat for Humanity not only work as a new home took shape for a deserving family was incredibly rewarding, knowing that their effort and the impact of hands-on involvement in transforming lives. Witnessing the culmination of their hard framing walls, installing insulation, or painting trim. Each step was a testament to the power of collective for the CM student volunteers. They tackled each task with enthusiasm and determination, whether it was Working alongside Habitat for Humanity in Phoenix to build a home was a profoundly enriching experience



STUDENT INDUSTRY PARTNERSHIPS JOB SITE TOURS



I-17 Flex lanes by Kiewit, Phoenix

real-world engineering and construction practices, work. The experience provided invaluable insights into processes, and the intricate coordination of utility various unique CM students toured Arizona's largest highway project, in such large-scale infrastructure projects. highlighting the complexities and innovations involved construction the I-17 Flex lanes, in collaboration with Kiewit. This opportunity facets techniques, of. construction, including allowed meticulous students excavation observe bridge

Schultz Creek Tour by Banicki Construction, Flagstaff

community resilience and safety. of the critical role civil engineering plays in enhancing development but also deepened students' understanding underscored the importance of proactive infrastructure infrastructure. planning and execution involved in building resilient construction aimed at safeguarding the residents of tour provided a comprehensive view of the intricate Flagstaff from floodwaters exacerbated by wildfires. The Construction, the Schultz Creek tour led students This hands-on experience were observed by **Banicki** heavy civil not only



CMP Mill Tour with Tiffany Construction, Flagstaff

and its role in addressing local infrastructure needs corrugated metal pipe, its manufacturing techniques, gained valuable insights into the engineering behind application of CMP in infrastructure projects. Students close look at the production facilities and the practical (corrugated metal pipe). This site visit provided an upmanufacturing and installation of 120-inch CMP During the Timberline CMP Mill tour guided by such as drainage systems and culverts. Construction, students observed



GOLF TOURNAMENT

to join industry teams, underscoring their active role in both gameplay and event management participation of CMO members and dedicated student volunteers. In 2023, we successfully recruited 40 students The CM Golf Tournament stands as a cornerstone event within our organization, embodying the vibrant

tournament as one of our most profitable fundraising endeavors. merchandise offerings. This year, their efforts contributed significantly to our organizational goals, marking the student groups leverage the tournament to raise funds through strategic initiatives such as raffle ticket sales and This event serves not only as a platform for spirited competition but also as a robust fundraiser. Our CMO

calendar, fostering meaningful connections and enriching experiences for all participants. Beyond financial impact, the tournament has achieved legendary status among our students, eagerly anticipated for its unparalleled networking opportunities with industry partners. It remains a highlight of our annual

stands as a testament to our commitment to excellence and collaboration with our partners. Looking forward, we eagerly anticipate the 2024 tournament in September, confident in its ability to continue fostering excitement and industry engagement among our students and partners alike. The CM Golf Tournament

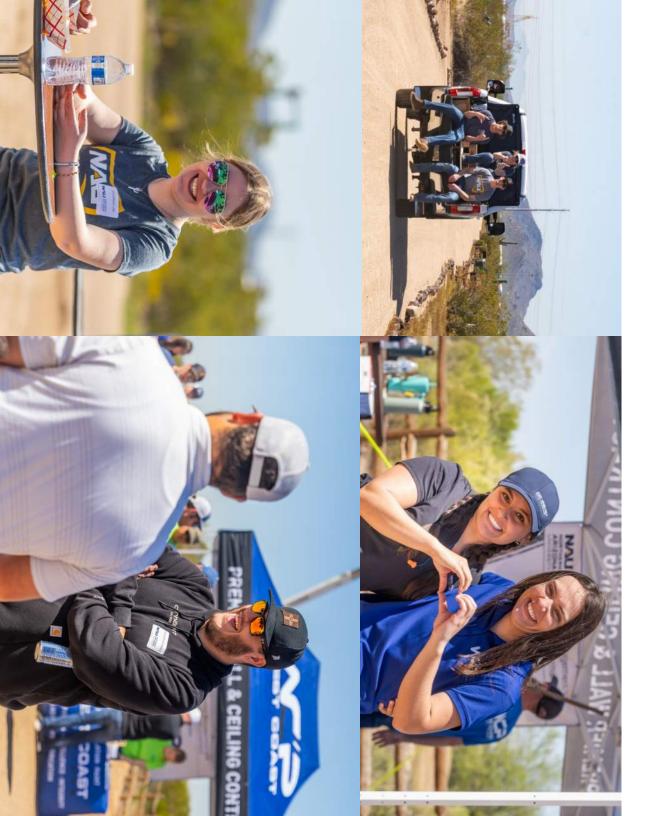


SPORTING CLAY TOURNAMENT

seamless experience for all participants, contributing to the event's vibrant atmosphere. the success of the tournament, assisting in its planning, facilitation, and execution. Their dedication ensures a industry partners for a day of camaraderie and competitive spirit. Our student volunteers play a crucial role in Held amidst the scenic Sonoran desert each spring, this event brings together CMO students, volunteers, and The annual IAB Sporting Clay Tournament has established itself as a signature event within our CM program.

companies, reinforcing the tournament's significance in fostering lasting connections and alumni engagement. A testament to its impact, we've had the pleasure of witnessing recent graduates return to participate with their

another successful event that celebrates camaraderie, competition, and the NAU CM program. creating memorable experiences and fostering partnerships within our industry network. We eagerly anticipate community's support and participation. at the Ben Avery Shooting Facility, the 2025 event promises to build upon past successes, further enhancing our Looking forward, the tournament holds immense potential as a key fundraising initiative for our program. Held The IAB Sporting Clay Tournament epitomizes our commitment to



2024-2025 Calendar of Events

Spring Commencement	8-9	
Demolition Ball	2	Мау
No events planned at this time.		April
Sporting Clay Tournament	ТВД	
IAB Meeting, NAU Flagstaff Campus	21	
Spring Break	10-14	March
CM Spring Career Fair	21	
ASC Reno Competition	4-8	February
MLK Day/NAU Closed	20	
1 st day of spring semester	13	
New Year's Day/NAU Closed	1	January
NAU Closed	25-31	
Fall Commencement	13	
Fall Graduation Banquet	6	December
Thanksgiving Holiday/NAU Closed	28-29	
NAU Home Game	23	
Veterans Day/NAU Closed	11	
NAU Home Game	. 2	November
NAU Home Game	19	
CM Fall Career Fair	4	
NAWIC Industry Dinner	ω	October
Golf Tournament, Oak Creek Country Club	27	
IAB Meeting, NAU Phoenix Campus	13	
Labor Day/NAU Closed	r 2	September
NAU Home Game	31	
1 st day of fall semester	26	August



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Construction Management





