



## The Northern Utah Academy for Math, Engineering & Science

### Board of Trustees Meeting Minutes

10:00 am – Meeting Via ZOOM and In-person, Noorda Building, WSU

February 15, 2023

Conducting: Linda Carver

**Attending:** Sue Johnson, Lynnette Gilbert, Linda Carver, Dave Ferro, Fran Bradshaw, Lauri Larsen, Kelli Booth, Nate Taggart, Dawn Winter, Steve Davis, Brenda Casper, Mindy Nelson, Vickie Finlinson

**Welcome:** Linda Carver

#### **Action Item: Minutes Approval**

**Motion to approve Minutes from November 8, 2022: Fran Bradshaw. Second, Dave Ferro. All in Favor.**

#### **Capstone - Student Presentations:**

- Mia Ambassador to Future Career – Political Science Career hopeful
- Kenneth Gibson – Internship in Data Mining – Master Control Future career in Data Analysis
- Mariah Hart – She built a virtual pipe organ. She wrote the code and did a demonstration. Computer Science – Simulation

NUAMES is hoping to do an “Excellence in Capstone” Scholarship for which we will appoint a new committee. The money for these scholarships will come from class change/schedule change fees. The idea was presented to invite industries to come to Capstone night to see our projects.

Linda mentioned that it has been great for our students to have Administration move up Capstone since Seniors are too busy at the end of the year.

Dave was happy to see the forum used in the way for which the forum was intended. Some of the professors who had WSU classes that night, sent students from their classes to observe our Capstone at North.

#### **Final Audit: Nate Taggart**

The \$2,000,000 we sent to Weber State for the Noorda Engineering Building was backed out because technically, we didn't taken ownership of this building until July 2022. They pulled it out and it is now put forward to this fiscal year.

There were two findings:

- We need to put fees into categories. Now we have no fees, so it's not a problem.
- Making deposits. A state rule is that deposits are made every three days. Due to online payments, we don't have cash in the office. We are now making deposits that are fairly small and are doing it more often. We are recording when we don't make a deposit because no money has come in.

Nate presented the audit to the Board for their acceptance.

**Motion to approve final audit: Lynnette Gilbert. Second: Fran Bradshaw. All in favor.**

#### **Proposed Calendar: Brenda Casper**

The calendaring committee was comprised of teachers from both campuses and Brenda Casper. They have come up with the below proposed calendar for school year 2024. We go from the Davis District calendar and adjust it for NUAMES.

First semester will conclude before Christmas.

- 139 Regular Days (6 hours) = 834 hours
- 25 C Days (4 hours) = 140 hours
- 6 PD/PTC Days (8 hours) = 48 hours

180 Days 1,022 hours

## NUAMES Early College High School

2023 - 2024 School Calendar

August '23							September '23							October '23						
Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S
		1	2	3	4	5						C <sup>A</sup>	2	1	2	3	4	5	C <sup>A</sup>	7
6	7	8	9	10	11	12	3	4	5	6	7	C <sup>A</sup>	9	8	9	10	11	12	C <sup>B</sup>	14
13	14	15	16	17	C <sup>A</sup>	19	10	11	12	13	14	M	16	15	16	17	Q	19	20	21
20	21	22	23	24	C <sup>B</sup>	26	17	18	19	20	21	C <sup>A</sup>	23	22	23	24	25	26	C <sup>A</sup>	28
27	28	29	30	31			24	25	26	27	28	C <sup>B</sup>	30	29	30	31				

November '23							December '23							January '24						
Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S
			1	2	C <sup>A</sup>	4						C <sup>B</sup>	2		1	2	3	4	C <sup>A</sup>	6
5	6	7	8	9	C <sup>B</sup>	11	3	4	5	6	7	C <sup>A</sup>	9	7	8	9	10	11	C <sup>B</sup>	13
12	13	14	15	16	M	18	10	11	12	13	14	C <sup>B</sup>	16	14	15	16	17	18	C <sup>A</sup>	20
19	20	21	22	23	24	25	17	18	19	Q	21	22	23	21	22	23	24	25	C <sup>B</sup>	27
26	27	28	29	30			24	25	26	27	28	29	30	28	29	30	31			
							31													

February '24							March '24							April '24						
Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S
				1	M	3						C <sup>B</sup>	2		1	2	3	4	5	6
4	5	6	7	8	C <sup>B</sup>	10	3	4	5	6	ACT	Q	9	7	8	9	10	11	C <sup>B</sup>	13
11	12	13	14	15	C <sup>A</sup>	17	10	11	12	13	14	C <sup>A</sup>	16	14	15	16	17	18	M	20
18	19	20	21	22	C <sup>A</sup>	24	17	18	19	20	21	C <sup>B</sup>	23	21	22	23	24	25	C <sup>B</sup>	27
25	26	27	28	29			24	25	26	27	28	C <sup>A</sup>	30	28	29	30				
							31													

May '24						
Su	M	Tu	W	Th	F	S
			1	2	C <sup>A</sup>	4
5	6	7	8	9	C <sup>B</sup>	11
12	13	14	15	16	G	18
19	20	21	22	23		25
26	27	28	29	30	31	

First and Last Day of School

School Closed/Holidays

Teacher Compensation Day/No School

Prof. Development (No school for students)

Q

 End of quarter

M

 Midterm

G

 Graduation

A Day

B Day

C Day Schedule

**Motion to approve SY24 Calendar: Fran Bradshaw. Second, Dave Ferro. All in favor.**

At this point we don't have students going back and forth between campuses during the day. We will look at WSU hours to see how we can better accommodate student schedules. Will meet with Dr. Ferro about this.

**Proposed Courses: Dawn Winter**

Our biggest growth falls within Computer Science. This falls within three different courses at WSU.

- Sophomores may take CS130 Foundations of Computing – then on to CS1400 Programming
- Juniors may take NET2200 Micro Computer OS/A+, then NET2300 Intro to LAN Management
- Seniors may take NET1400 Cyber Security, then NET2210 Linux Sys Admin
- Juniors and Seniors may take WEB1400/CS2350 Web Development

This is the suggested path for three years. These courses may be taken in any order as long as prerequisites are met. Senior classes may be taken in either order.

WSU approached us on piloting 1035. We find that our post-COVID students are coming unprepared for college-level math. We do different departmental pilots.

**Motion to approve Proposed Courses: Fran Bradshaw. Second, Dave Ferro. All in favor.**

**Exciting Happenings: Kelli Booth**

- We took 1<sup>st</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> at the State Competition for CyberPatriot
- AFA Teacher of the year: Nic Moreno – Presenter Scotty Nolan came from HAFB to present this award. He had two sons come through NUAMES. We have made inroads to HAFB and it is paying off
- HAFB tour with SWEG. They presented to 67 students from the North Campus and 90 from NUAMES Davis
- ECA Conference and Stem Designation. We met and were so grateful for our relationship with WSU. We have been recommended for the Platinum STEM Designation. We were the only high school to get this. They will come and tour our school at the end of February. It is much like an accreditation where they will talk with teachers and students. Our lowest score was tech score, but when they come for the visit, they will see all we are doing in technology. This is exciting!

**SY24 Lottery Update/Enrollment Metrics: Brenda Casper**

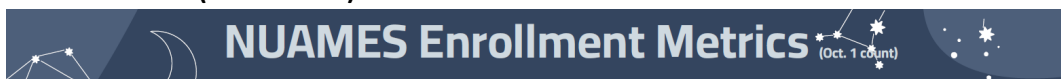
NUAMES does an “exit survey” and have found the top five reasons students unenroll NUAMES:

1. Level of difficulty
2. To be with friends
3. Transportation/Schedule
4. Moving
5. Medical

We find they leave mostly because of the level of difficulty. They love teachers and classes, but some students just don’t want to put for the work that is needed here. We are trying to encourage students by accentuating the following:

- Bring your friends
- Check into our amazing NUAMES Clubs

**NUAMES Enrollment Metrics – (Oct 1 count):**

										
SY	TYPE	LEA	TOTAL	ENROLLMENT TREND	RETENTION RATE	TRANSFER RATE	Eco Dis	Eng L	EthMin	SWD
2015	ND	NUAMES	657	119.90%	89.90%	4.90%	13.50%	0.20%	16.40%	2.00%
2016	ND	NUAMES	742	112.90%	92.90%	5.50%	12.00%	0.10%	17.90%	2.00%
2017	ND	NUAMES	765	103.10%	94.60%	4.40%	10.50%	0.10%	19.20%	2.00%
2018	ND	NUAMES	763	99.70%	95.50%	2.40%	13.00%	0.10%	21.50%	2.60%
2019	DIST	NUAMES	887	90.60%	91.40%	3.00%	12.30%	0.70%	19.60%	2.80%
2020	DIST	NUAMES	1,042	132.40%	93.10%	5.00%	11.00%	0.90%	22.20%	2.00%
2021	DIST	NUAMES	1,136	114.40%	91.20%	4.50%	9.00%	1.10%	24.00%	4.70%
2022	DIST	NUAMES	1,134	100.90%	89.30%	4.10%	8.30%	1.70%	26.20%	4.00%
2023	DIST	NUAMES	1,120	100.50%	---	---	12.10%	1.90%	28.50%	3.80%

**Retention rate:** Some of the defining reasons have been:

- This last summer, not having the mailing list

- This report goes by demographic. Look at students with Disabilities
- As we have increased minority populations, numbers haven't dropped
- Senior-only study skills class has helped with graduation numbers
- Sending out letter to parents. "Your student is "not" on track to walk at graduation
- Incoming math scores this year are lower than they have ever been. Incoming 10<sup>th</sup> graders are at a 7-point spread lower than we have ever had. It is Covid-related. Mostly affected was Jr. High Math.
- Tutoring and Math Labs are how we have addressed this. We have implemented so many interventions to see success of kids.
- Also, we do our Sophomore Fly-By, which helps keep students

#### **New Student Information Nights/Marketing: Steve Davis**

On February 9, there will be an information night held at NUAMES North in the Noorda Forum. This is another way we are using the forum. It's also a way to show off the building. With lottery numbers a bit lower we are trying to have more information nights to get our Brand out. Some of our marketing strategies are:

- Over 16,000 infographics and postcards were sent to prospective students. (ECA Meeting – liked our handouts. They wanted our marketing people. We are not competing for students because we are geographically separated.
- 2<sup>nd</sup> round of mailers sent
- 8,000+ with mailing addresses (DSD/WSD)
- 8,000+ targeted mass mailers went to 14-16 aged students in homes
- Mailing lists from Charter schools: Highmark and Ogden Prep Academy were obtained
- Video created of Noorda facility with an endorsement by President Mortensen
- Spanish translation of infographic and postcards were sent
- Delivered to 5 churches in downtown Ogden to get 1<sup>st</sup> generation students interested
- See attached – infographic letter and postcard
- We want to get into some parades this summer

#### **NUAMES Tutoring Program: Dawn Winter**

Our tutoring program is making a huge difference.

- North teachers have put in 90 hours to serve 156 kids
- Davis teachers had 85 hours serving 162 students. Since we started this tutoring program, we compared from midterm failing students to term student grades. 72% of the students at North were improved and 60% at Davis with intervention/tutoring.
- We have combined several interventions. Counselors are following up.

#### **Administrative Performance Survey Results: Kelli Booth**

The feedback we receive is overwhelmingly positive. When teachers feel supported, it creates a great environment and culture for our students. Some of the questions on the survey were:

- NUAMES administration helps me get the resources I need to do my job well
- I feel comfortable going to my NUAMES administrators with my concerns
- NUAMES administration supports me when conflicts arise with students or parents
- NUAMES administration cultivates a positive relationship among faculty members at this school
- I feel we have a positive school culture
- I believe our school is meeting the needs of our students

The options were Strongly disagree, Disagree, Agree, Strongly agree. All responses were "Strongly agree" with a couple of "Agree" responses. We didn't have any "Strongly disagree" or "Disagree" responses.

#### **Legislative Update: Nate Taggart**

Many of the Bills have to do with education. Some need to be local decisions.

- House Bill 308: Ways we are graded. NUAMES has always received an “A” grade. They want to soften this. Instead of “As”, we will receive “Excellence”. The “A” grade went down to 64% last year
- House Bill 134: Charter school closing resurgents. Charter schools who have failed and the cost with failures. Every charter school will be charged \$2/student to be put into a fund to reach 3M to cover costs of those failing charter schools. When we were trying to get this school established. We fell behind a charter that couldn’t improve. All of us thought this school wouldn’t succeed. Even though we have nothing to do with schools failing, we will still be required to do this. The concern is that we have schools who fail and there are debts they can’t cover
- House Bill 344: Failed in committee and came back. Transparency to let parents know what’s taking place in the classroom. Making teachers post what they will teach every day – ahead of time
- House Bill 409: Unique. SPED students with sensory issues. Fire drills could be traumatic for some of these kids. If there is a fire alarm that goes off, and there isn’t danger, they want to eliminate loud drills. The state fire marshal hasn’t commented
- Senate Bill 166: Concerning. A bill that wants to allow micro schools and home-based education the same rights as charter schools as far as taxes
- Passed: Senate Bill 100: School District gender identity policies. A school can’t change a students’ name or gender pronouns without parents being notified
- Senate Bill 183: Educator salary adjustment. Tied with the WPU long-term. We have \$4,200 as a line item. Part of the WPU. One-time funding. This is like our TSSP money and teacher salary supplement program
- Senate Bill 215: It won’t have a great impact in NUAMES enrollment. When public money is used, and it’s not properly audited, there is cause for concern
  - Sugar coated with \$4,200 salary increase for teachers. Voucher-type program which is less restrictive. Allow up to \$8,000 to be used for private school or expenses for home school. A group of students can get together and decide to be a micro school.
  - No testing. They get money, but there is no accountability. Not money just for student, but more money for field trips. Money for equipment – gaming, tutoring, etc. Money comes from public school funding. Every educational organization came out against the bill. They pushed it through so fast there was no public ed feedback.

Dave asked about homeschooling: We have a home and hospital program. We do nothing with home school. The home and hospital is only in emergency situations. We have a policy we don’t accept certain home school credit. We have a rule for homeschooled students of what credit we accept and what we don’t.

- Funding hasn’t been approved. Recommendation is a 6% increase on the WPU. Paid professional hours for educators. 3 days of pay for teachers to be trained. Our teachers have done some special things to improve their personal education to go forward.
- And money for “grow your own teacher and counseling programs”.

**Website ADA Audit: Kelli Booth**

We have been randomly selected. We received no complaints. We work with FrogTummy and our auditor said this is one of the better websites for ADA.

**Graduation: Mindy.**

Graduation is May 18, 2023

NUAMES North – 10:00 am

NUAMES Davis – 1:00 pm

We have just recently been looking at the possibility of combining both schools for graduation this year. Our graduating classes are both smaller this year. We could combine resources and also save about \$10,000.

**Next Meeting: Tuesday, March 14, 2023 Zoom and live – 10:00 am**

**Motion to adjourn: Laurie Larson. Second, Fran Bradshaw. All in favor.**