



**Surveying and Geomatics -MINUTES  
Monday, December 14th, 2023, at 12:00 PM  
Science Building Room 123**

**Members Present:** Jeff Lynch, Weston Dorszynski, Chuck Pearce, Chuck Whitten, Paul Galli

**Members Absent:** Chris Sherby, Mike Swanson, John Besancon

**Clark College:** Tina Barsotti, Tim Kent, Brian Miyake, April Cannon, Justin Stokes, Vincent Logan, Erielle Lamb, Elizabeth Flores

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**NEXT MEETING DATE**

The committee has scheduled a meeting in person on March 21st, 2024, at noon.

**MINUTES OF THE PREVIOUS MEETING**

The previous minutes from November 16<sup>th</sup>, 2022, were approved as amended.

**COLLEGE UPDATES**

The meeting began at 12:18 PM.

Introductions were made.

**Foundation Updates**

Penguin Give will take place on April 25, 2024. This event is an opportunity for the foundation to acknowledge corporations and encourage other community members to participate and get involved.

**Action item:** Justin will provide the industry members for more information.

Give campus: athletics has something in the works, and it's an easier way for people to donate online. It's changing how we can fundraise.

Weston asked how members can support Penguin Give Day and the Surveying program specifically.

**Action item:** Justin will provide more information.

Jeff suggested an e-news alert that would make it easier for people to donate.

Justin announced the Foundation has a new CEO, and the Foundation is restructuring the funding. Students' success funds like support services, penguin pantry, housing, etc., are being communicated to donors and the feedback has been helpful.

Justin discussed the innovation fund and he will keep us updated about that process.

Tina would like the Foundation to fund the CST exams, which cost around \$190-290.

Tim indicated that the Foundation and Olsen & McKay Engineering scholarship are no longer being funded.

**Action item:** Justin will check in with Shirley and will follow up with Tim about the scholarship.

## **DEPARTMENT UPDATES**

Tina shared that she will be applying for an opportunity through Career Launch for new equipment for the program.

Tina shared that she would work on increasing FTE to receive more funding from the state through Career Launch.

Tina has proposed and submitted two new programs: Construction Management and Civil Engineering.

Tina reported that accurate enrollment data for the academic year 2023-2024 will be obtained through a data exploration tool called AIR that analyzes student enrollment patterns.

**Action item:** Tina will share AIR information with Tim.

Tim shared that there are nine new students in the program.

Tina invited all members of the surveying committee to join the ETCM board.

Tina provided a detailed overview of the available programs. She noted that civil engineering had two pathways leading to either a certificate or an AAT. Construction management students would receive a Certificate in Proficiency and AAS. AA degrees offered a direct transfer to construction management.

Tina advocated for more funding, noting the Foundation's helpfulness beyond Career Launch.

## **CURRICULUM UPDATES**

Brian shared the students need to complete the AAS.

Brian shared that course 252 does not exist anymore.

Brian shared that SURV 260 is now workflow management, a substitute for calculus.

Brian shared there are less humanities for technician degrees.

Weston inquired about students with previous degrees enrolling in the program.

Brian discussed certain transfer degrees, depending on classes and credentials, will go through the credentials department for review and audit.

Brian asked the committee what their thoughts were about Intro to Excel. Student feedback has been reported that the class is expensive and inapplicable.

Chuck noted students coming out of high school are not familiar with Excel.

Erielle suggested absorbing the Excel class.

**Action item:** The program and committee will investigate restructuring or absorbing the Excel class.

Brian inquired if students need more GIS background and if there is a need to expand the GIS program.

Brian is considering a class for students to get their pilot's license and learn to fly drones.

Paul suggested using a basic camera to begin teaching students and for a general understanding that equipment is available. He also recommended drone flights for aerial imagery but noted that he has less need for GIS.

Chuck suggested offering a drone education course to attract students interested in the topic. He also recommended a software applications class, acknowledging that it would require more work. Tina will be bringing back Civil 3D.

After 16 years at Clark College, Tim will be retiring in June. Tina will be actively seeking adjunct positions to fill his position.

Brian and the facilities department on campus have collaborated to create an opportunity for students to work on one building at a time. The objective is to draft proposals, review assets, and develop student learning in the work field. This course will replace calculus, aiming to create an enhanced campus GIS.

Tim shared that Vincent is working to connect the campus control network to a national database.

**Action item:** Tina will recruit more members from the Federal Highways Administration.

## **INDUSTRY UPDATES**

Jeff noticed that students' basic understanding is improving and understands that classroom work and the field are different.

Weston stated that they approach students with practicality.

Jeff is currently seeking first-year students as interns.

The meeting adjourned at 1:32 PM.

Prepared by Elizabeth Flores