

# GRADUATE COUNCIL MEETING MINUTES

May 19, 4:00 – 5:00 pm, via Zoom

## Attendees:

**Voting Members:** 24 total (12 - majority needed for quorum). Quorum was present.

P	Neal Sullivan (Chair)	A	Amy Hitchner (LB)	P	Andy Osborne (NSE)	P	Owen Hildreth (ME)
A	Dave Benson (HSE)	P	Karin Leiderman (AMS)	P	Gabe Walton (UCT)	P	Ebru Bozdog (GP)
A	Juan Lucena (EDS)	P	Jim Ranville (GC)	P	Geoff Brenneka (ML & MT)	A	Tulay Flamand (EB)
A	Danica Roth (GE)	P	Dejun Yang (CS)	A	Elizabeth Davis (HASS)	P	David Marr (CBE)
P	Maxwell Silver (GSG)	P	Luis Zerpa (PE)	P	*Reza Hedayat (CEE) proxy for Gabe Walton		Christine Morrison (CH)
A	Gongguo Tang (EE)	P	Jeremy Zimmerman (PH)	P	Jamal Rostami (MN)		

## Other Regular Attendees and Guests

A	Carolyn Freedman (OGS)	P	Jane Ko (AA)	A	Jennifer Velloff (Tref)	A	Tim Barbari (OGS)
A	Cassie Glenn (CEE)	P	Paul Myskiw (RO)	A	Denise Winn-Bower (PE)	A	Jennie Kenney (AA)
A	Mara Green (AA)						

**Additional Guests:** Manika Prasad (GP)

## Welcome

Neal Sullivan

## Briefings and Information Items

### Office of Graduate Studies

Tim Barbari

Tabled.

### Registrar's Office

Paul Myskiw

Four commencement ceremonies, students were pleased to be in person. Parents and guardians thankful and grateful.

### Graduate Student Government

Maxwell Silver

Tabled.

## Continuing Curriculum Item

### 1.1 **GEOPHYSICS**

Manika Prasad

[CIM: 5/5]

**1 new program:** Online Grad Certificate – Carbon Capture, Utilization, and Storage

*This Certificate program aims to provide students with much needed working knowledge about Carbon Capture, Utilization, and Storage from a geologic and a non-geologic perspective. It also provides introductory knowledge about CCUS policy and economics.*

As the courses develop some topics will change to better fit the content and learning objectives.

Question on how much is driven by faculty and how much is driven by administration; Prasad explains a workshop completed at Mines three years ago on climate change. A large amount of faculty from every department wished to speak at the meeting reflecting a large amount of work being done at Mines to

create a common ground regarding climate change. The commitments to these courses are done on a volunteer basis.

There is incentive to develop courses, which are entirely online, with \$75-100 per course offered.

Comment on sustainability of volunteer-based lectures within a program and eventual commitments needed from departments and universities to create an ongoing and successful program. Prasad states department heads signed off on each faculty listed, faculty have agreed and are on-board in the course development process. Consideration is being made for larger programs with policies or grandfathered clauses against allowances for faculty working in new programs.

Prasad outlines the certificate having nine credits, two of which are required. Comment on courses existing at other universities offering concepts in carbon capture but Prasad makes note of comprehensive courses being unavailable and unique to Mines.

Comment on the presentation of the certificate feeling rushed, Prasad states work was being done since Fall 2020 and the beginning of the Spring 2021 semester.

Question on the listed faculty how much are working in course development; all of the faculty listed have committed to teaching one lecture or developing one lecture. The commitment for all 24-faculty listed is one-time to develop the course, the assessments, and tests.

Question on the course development pricing listed and the estimate of 70 students per year; Prasad notes the 70 students is expected with establishment of the program and the course development pricing of \$7,500 will arrive from the Trefny Center and the International Affairs office.

### **Adjourn**

Neal Sullivan

Meeting adjourned 4:59 pm.

Graduate Council will meet May 26, 2021 from 4pm to 5pm. Please send all agenda items to [mgreen1@mines.edu](mailto:mgreen1@mines.edu).

**Consent Agenda** The following proposals will not be discussed unless specifically requested by Council. With no objections, approval is implied and items will be processed accordingly.

- **Approval of Minutes – May 5, 2021**

Neal Sullivan