

## Opportunity Overview

The purpose of this initiative is to provide focused time for a cohort of faculty to learn, work both collaboratively and independently to focus on their teaching, learn new pedagogy techniques and course design theory, and to significantly revise a course that will be taught by the faculty member during the 2018/19 school year. The overall intent is to significantly enhance the teaching and learning at Mines systemically.

Each faculty member will be **provided one-month of support** (salary for the full month = **22 days of salary**) in **July/August 2018** to participate in this intense learning and working session. This summer session will include classes, readings, and time to work alongside pedagogy and curriculum experts as faculty design or revise a targeted course. There will also be intentional breaks woven in to the schedule to allow you to pause and apply the new learning to your own teaching plans. You will be expected to participate in workshop and collaborative activities scheduled during the program, and to have the course revisions ready before the start of the semester in August 2018.

**SUBMISSION DEADLINE: November 6, 2017 before 12:00 pm (noon) Mountain Time**

**Download and review the [program description & calendar](#) before applying. You can download a [PDF of the application](#) so you can review the questions in advance, but you must complete the online application to apply.**

**Be sure to discuss your participation in the program with your Department Head.**

### Calendar of Responsibilities for all Cohort Members

#### July 9 – August 3, 2018

1. Participate in pedagogy workshops, and final Showcase event. A detailed schedule and agenda is available to download at [TrefnyCenter.mines.edu](http://TrefnyCenter.mines.edu). The workshops will be more intensive during the first weeks to build the foundation for the course revisions. You are expected to actively participate in all sessions, including PLC meetings during the school year.
2. Participate in collaborative sessions to review other course designs as well as to both receive and provide feedback to colleagues.
3. Significantly revise a course. The course revisions may include shifts in learning goals, activities, teaching methods and course delivery, and/or evaluations. The course revisions will be documented and shared.

#### August 4 - August 10, 2018

1. Continue to work on course revisions. Trefny Center faculty and the HIVE will be available for support.
2. Submit refined course revision poster **by 5:00 pm August 7, 2018**.
3. Participate in the Engineering Learning Conference and Cohort Poster Session on **August 15, 2018**.

#### 2018-2019 Academic Year

1. Participate in Observation & Feedback sessions
2. Participate in **monthly** Professional Learning Community meetings
3. Prepare a paper describing revision process that you undertook for your particular course of study, lessons learned, and possibly the outcomes of the revisions. The paper should be of a quality to be submitted to a professional conference or publication. Submit the paper **no later than June 30, 2019**.

Tell us a little about yourself

\* 1. Please provide contact information

First Name

Last Name

College

Department

Email Address

Phone

\* 2. Are you Teaching Faculty or Tenure/Tenure Track Faculty?

Please note: This opportunity is currently only available for Teaching or Tenure/Tenure Track Faculty. Others may participate with Departmental or College-level support - at the discretion and budget availability of the Department Head or Dean.

3. How do you rate your expertise related to effective teaching?

Novice  Entry Level  Average  Fairly experienced  Expert

4. What do you feel are your teaching strengths?

5. What do you want to focus on to enhance your teaching? Identify the top 1-3 things you want to work on and explain why for each.

#1 thing you want to focus on & why

#2 thing you want to focus on & why

#3 thing you want to focus on & why

6. What resources have you utilized in the past year to enhance your teaching? Identify the top 1-3 resources (e.g., journals, websites, workshops, professional development opportunities, etc.). Please be specific (i.e., Attended Neti in 2016, participated in TIIC workshop on XXX, etc.).

#1 resource

#2 resource

#3 resource

7. Who do you discuss teaching and learning with on a regular basis to inform your teaching practices? Identify up to five individuals or groups (e.g., teaching triangle consisting of [name 1] and [name 2], PLC consisting of [name 1] and [name 2], and so forth).

#1

#2

#3

#4

#5

8. Please identify the courses you will likely be teaching during the 2018/19 school year.

9. Please identify other courses you will likely teach in the future, just not during the 2018/19 school year.

10. Anything else you would like to tell us about yourself or your teaching?

Tell us a little about the course you would like to revise

11. What is the course number and code (e.g., PHGN 100)? Please identify the primary course you want to focus on in this effort.

12. What is the title or name of the course?

13. Is this a required course?

- Yes  
 No  
 Uncertain or may be shifting

14. Who is required or will be required to take the course (i.e., specific majors, minor tracks, etc.)?

15. What level students typically take this course?

- Freshman - first year students  
 Sophomore/Junior  
 Seniors - students preparing to graduate  
 Graduate students  
 Other (please specify)

16. When is the course being offered during the 2018/19 school year? Check all that apply.

- Fall 2017  
 Spring 2018  
 Summer 2018

17. How many sections will likely be offered for this course during the 2018/19 school year?

18. Please list any other faculty who you anticipate will also be teaching this course during the 2018/19 school year

19. How many students do you anticipate enrolling in the course (the section(s) you will be teaching) during the 2018/19 school year?

20. Why do you think this course should be revised? Please provide any data you have available that supports the changes you propose. You can email data to [sspiegel@mines.edu](mailto:sspiegel@mines.edu)

21. Are there other faculty who should or will be involved in the course revision? If so, please identify them and indicate if they have/will apply to this opportunity as well.

22. What are your initial ideas about revising this course?

23. How will this course become a signature course – something to brag about?

24. What other thoughts or information would you like to share about the course and why it should be revised?

### Confirmation of commitment if selected

25. Please select all that apply to you to confirm your commitment:

- Yes, I will be available during the identified dates between July 9 and August 3, 2018 during the full workday (8:00 am - 5:00 pm) to participate in the workshop activities and course revisions work.
- I am committed to actively participate and learn during all of the scheduled days, unless I made prior arrangements with the Trefny Center.
- I will be available during most of identified dates between July 9 and August 3, 2018 to participate in the workshop activities and course revisions work. I will send an email to [sspiegel@mines.edu](mailto:sspiegel@mines.edu) to indicate the date(s) that I will not be available or times that I might not be available (e.g., if you plan to attend ASEE or participate in other professional or personal events during the dates specified, please indicate the dates you will be unavailable).
- I agree that I will create a poster for the August 2018 Engineering Learning conference.
- I agree and will commit to write and submit a paper to the Trefny Center that documents the changes I make and the impact of those changes on student outcomes.
- I agree to significantly revise a course. The course revisions may include shifts in learning goals, activities, teaching methods and course delivery, and/or evaluations. The course revisions will be documented and shared. I recognize that I will need to work on the revisions following the intensive session and through the school year.
- During the 2018/19 school year, I will participate in Observation & Feedback sessions.
- I agree to collect data to study the changes in my course and to write a professional paper documenting the changes and the impact of the changes on student learning.
- During the 2018/19 school year, I will participate in monthly Professional Learning Community meetings.
- I have discussed my participation in the program with my Department Head and they are supportive of my application.

Thank you for submitting your application. Applications will be reviewed and selected faculty will be notified no later than December 20, 2017. If you have questions about this opportunity, please contact Sam Spiegel ([sspiegel@mines.edu](mailto:sspiegel@mines.edu)).