

Tentative Schedule - Fundamentals of Tailings Engineering

Day 1 - Monday, 22 March 2021

Time (MST)	Activity	Topic	Planned Presenter
3:00 - 4:00 pm	Lecture 1	Intro to Centers & mine tailings	Chris Bareither (CSU), Jorge Macedo (GT), & Mike Henderson (BGC)
4:00 - 4:15 pm	Break	—	—
4:15 - 5:15 pm	Lecture 2	Mineral processing	Erik Spiller (Mines)
5:15 - 5:30 pm	Break	—	—
5:30 - 6:30 pm	Lecture 3	Tailings production	Chris Bareither (CSU)

Day 2 - Tuesday, 23 March 2021

Time (MST)	Activity	Topic	Presenter
3:00 - 4:00 pm	Lecture 4	Physical and geochemical characteristics	Scott Olson (UIUC)
4:00 - 4:15 pm	Break	—	—
4:15 - 5:15 pm	Lecture 5	Tailings continuum & rheology	Matt Treinen (P&C)
5:15 - 5:30 pm	Break	—	—
5:30 - 6:30 pm	Discussion 1	Discussion related to lectures 1-5	Bareither (Moderator) + guests

Day 3 - Wednesday, 24 March 2021

Time (MST)	Activity	Topic	Presenter
3:00 - 4:00 pm	Lecture 6	Solid-liquid separation processes	Chris Bareither (CSU)
4:00 - 4:15 pm	Break	—	—
4:15 - 5:15 pm	Lecture 7	Dewatering, thickening, and filtering	Rachel Jansen (P&C)
5:15 - 5:30 pm	Break	—	—
5:30 - 6:30 pm	Lecture 8	Slurry to solid - tailings geotechnics intro	Scott Olson (UIUC)

Day 4 - Thursday, 25 March 2021

Time (MST)	Activity	Topic	Presenter
3:00 - 4:00 pm	Lecture 9	Tailings management & site operations	Chris Hatton (Golder)
4:00 - 4:15 pm	Break	—	—
4:15 - 5:15 pm	Lecture 10	Tailings geotechnics in practice	Terry Eldridge (Golder)
5:15 - 5:30 pm	Break	—	—
5:30 - 6:30 pm	Discussion 2	Discussion related to lectures 6-10	Bareither (Moderator) + guests

Day 5 - Friday, 26 March 2021

Time (MST)	Activity	Topic	Presenter
3:00 - 4:00 pm	Lecture 11	TSF overview - what drives design?	Mike Henderson (BGC)
4:00 - 4:15 pm	Break	—	—
4:15 - 5:15 pm	Lecture 12	Tailings innovation and minimization	Priscilla Nelson (Mines)
5:15 - 5:30 pm	Break	—	—
5:30 - 6:30 pm	Discussion 3	Discussion related to entire course + looking forward	Bareither (Moderator)