

Colorado School of Mines – FACULTY SENATE MEETING AGENDA
 January 24, 2:00 – 4:00 pm, Stratton Hall 104 via Zoom

<u>Time</u>	<u>Item</u>	<u>Presenter</u>
	<i>Information Session</i>	
2:00-2:05 pm	Welcome	Jeff King
2:05-2:10 pm	Approval of Minutes – January 10, 2023	Jeff King
2:10-2:15 pm	Academic Affairs Announcements	Rick Holz
2:15-2:20 pm	Registrar’s Office Announcements	Paul Myskiw
2:20-2:40 pm	Committee Reports <i>Bylaws and Rules</i> <i>Core Curriculum</i> <i>Faculty Contracts</i> <i>Ombuds Office</i>	Jeff King Joe Horan Todd Ruskell Brandon Dugan Jeff King
2:40-2:50 pm	Open Announcements	
	<i>Business Session</i>	
2:50-3:00 pm	Confirmations and Appointments <i>Student Signature Experience ad hoc committee</i> <i>Information Technology Advisory ad hoc committee</i>	Cristian Ciobanu
3:00-3:10 pm	Senate and Committee Business <i>Faculty Survey Committee Change</i>	Jeff King
3:10-3:40 pm	Undergraduate Council <i>CORE Curriculum Item(s) for Senate Presentation – Appendix A</i>	Joe Horan
3:40-3:50 pm	Graduate Council <i>Curriculum Item(s) for Senate Vote – Appendix B</i>	Tina Voelker
3:50-3:55 pm	Research Council	Sid Saleh
3:55-4:00 pm	Adjourn	Jeff King

Next meeting: February 14, 2:00-4:00 pm in the Guggenheim Boardroom and Zoom. Please send all agenda items to Mara Green (mgreen1@mines.edu) 1 week prior.

Appendix A
CORE Curriculum Item(s) for Senate Presentation

1.1

COMPUTER SCIENCE

[CIM 1/4; Provost 1/5]

1 new core course: CSCI128: COMPUTER SCIENCE FOR STEM

This course is considered part of the new Mines Core, and thus designated an essential class for all students studying at Mines. Increasingly each year, our society relies on computing technology to accomplish daily tasks. This is even more true for scientists and engineers in STEM fields. However, simply knowing how to use computers is not enough. Capable professionals must also know how to program computers to make the best use of them. This course will teach the basics of computer programming, targeting students with no prior experience. It will teach fundamentals that are necessary to program in any language, as well as data analysis techniques that will be applicable to all STEM students, regardless of their intended major. This is a residential course, meeting in-person 3 times each week.

Appendix B
Graduate Curriculum Item(s) for Senate Vote – from 1/10/23

4.1

ENERGY

[CIM 11/9; GC 1/18]

1 program change: MSPHD-AES: MS and PhD in Advanced Energy Systems
AES is cleaning up the catalog language, clarifying course/credit requirements and clarifying PhD requirements.

4.2

MINING

[CIM 11/14; GC 1/18]

1 program change: MP-MEM: MP – Mining Industry Management (MP-MIM)
This program has been proposed and approved as an online program, and it is heavily focused on management aspects of the mining industry. It has quickly gained reputation in the first round of offering, making it to the top 25 technical professional masters programs in the US. We have had several applicants that do not have an Engineering background who want to enter the program, and since the contents are not very technical, they could be successful. But with the name Engineering in the title, students without an Engineering degree would be granted one in this program, and the MN faculty did not see that to be appropriate. So, with the change in name, we also propose changing the entry requirements and making the program available to all Mining and other Engineers, as well as to those who have worked in other disciplines in the mining and minerals industry for at least five years.

Also, the original program was a block model with all 33 credit hours prescribed, and we are changing it to allow up to two elective courses (6 credits) to be taken. This will offer flexibility to the student to take some other online courses to become more specialized in certain areas or to opt out of topics in which they already have competency. This also allows students to tap into other online content that Mines has to offer and is attractive to them.