

# eAMSS2020 — Virtual Arctic Mines Summer School in Mining and Mineral Processing, Finland

**Theme:** Circular Economy and Sustainable Mining

**Credits:** 9 ECTS (according ECTS system):

**Schedule:** 3 August – 28 August 2020

**Programme:**

(as April 6<sup>th</sup> 2020, liable for changes)

## **Sustainable Mining Finland, 4 ECTS**

Part 1: Overview of Mining Industry in Finland

Part 2: Geology in Finland

Part 2: Sustainability in Mining

Part 3: Circular Economy and Mines

## **Modern Mineral Processing 3 ECTS**

Part 1: Basics in Mineral Processing

Part 2: Modern Beneficiation Technologies

Part 3: Case Studies: Mineral Processing in Selected Finnish Mines

## **Arctic Mines 2 ECTS**

Part 1: Arctic Environment and Mines

Part 2: Gold Prospecting and Artisanal Mining

The course includes online expert lectures, online group works, individual learning as well as task-specific assignments and a final exam. The expert lectures will be recorded and accessed at any time convenient to you, but we highly recommend participation in real-time. Group work requires real-time participation.

## **Timetable**

	Date	Programme
1	Monday, August 3 <sup>rd</sup>	Welcome and opening ceremony Overview of Mining Industry in Finland
2	Tuesday, August 4 <sup>th</sup>	Geology in Finland
3	Wednesday, August 5 <sup>th</sup>	Geology in Finland
4	Thursday, August 6 <sup>th</sup>	Sustainability in Mining
5	Friday, August 7 <sup>th</sup>	Sustainability in Mining
6	Monday, August 10 <sup>th</sup>	Circular Economy and Mines
7	Tuesday, August 11 <sup>th</sup>	Circular Economy and Mines
8	Wednesday, August 12 <sup>th</sup>	Circular Economy and Mines
9	Thursday, August 13 <sup>th</sup>	Basics in Mineral Processing
10	Friday, August 14 <sup>th</sup>	Basics in Mineral Processing
11	Monday, August 17 <sup>th</sup>	Modern Beneficiation Technologies

12	Tuesday, August 18 <sup>th</sup>	Modern Beneficiation Technologies
13	Wednesday, August 19 <sup>th</sup>	Case Studies: Mineral Processing in Selected Finnish Mines
14	Thursday, August 20 <sup>th</sup>	Case Studies: Mineral Processing in Selected Finnish Mines
15	Friday, August 21 <sup>st</sup>	Case Studies: Mineral Processing in Selected Finnish Mines
16	Monday, August 24 <sup>th</sup>	Arctic Environment and Mines
17	Tuesday, August 25 <sup>th</sup>	Arctic Environment and Mines
18	Wednesday, August 26 <sup>th</sup>	Gold Prospecting and Artisanal Mines
19	Thursday, August 27 <sup>th</sup>	Gold Prospecting and Artisanal Mines
20	Friday, August 28 <sup>th</sup>	Closing Ceremony