

MINERAL PREPARATION ENGINEERING (MPR)

College of Engineering and Mines

Department of Mining and Mineral Engineering (<https://www.uaf.edu/cem/programs/mining-engineering/>)
907-474-7388

MPR F606 Plant Design

3 Credits

Offered As Demand Warrants

Selection and design of equipment for the operation of mineral and coal beneficiation plants for specific custom and milling problems.

Prerequisites: Admission by arrangement.

Lecture + Lab + Other: 1 + 6 + 0

Grading System: Letter Grades with option of Plus/Minus

MPR F611 Hydrometallurgy

3 Credits

Offered As Demand Warrants

Study of the theoretical and engineering aspects of the processes to recover metals from different types of ores and/or scraps, in which aqueous solutions play the predominate role.

Prerequisites: MATH F253X; CHEM F331.

Lecture + Lab + Other: 3 + 0 + 0

Grading System: Letter Grades with option of Plus/Minus

MPR F688 Graduate Seminar I

1 Credit

Offered As Demand Warrants

Preparation and presentation of research outlines by graduate students and participation in regularly organized mineral engineering department seminars.

Prerequisites: Admission to graduate program.

Cross-listed with MIN F688.

Lecture + Lab + Other: 1 + 0 + 0

Grading System: Letter Grades with option of Plus/Minus

MPR F698 Non-thesis Research/Project

1-9 Credits

Lecture + Lab + Other: 1-9 + 0 + 0

Grading System: Pass/Fail Grades

Repeatable for Credit: May be taken unlimited times for up to 99 credits

MPR F699 Thesis

1-9 Credits

Lecture + Lab + Other: 0 + 0 + 0

Grading System: Pass/Fail Grades

Repeatable for Credit: May be taken unlimited times for up to 99 credits