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| **COURSE**  | **TIME**  | **CREDITS** | **FACULTY**  | **INSTRUCTION MODE** | **PREREQUISITES** |
| **MNG 401****Introduction to Mining Operations** | WEB | 1 | Ang Liu | Remote Asynchronous | MATH 141, EMCH 211 |
| **MNG 404****Mine Materials** **Handling Systems** | TuTh 9:05-10:20am  | 2 | Mohammad Rezaee  | In Person101 Elec Eng East Bldg. | MNG 230 |
| **MNG 410****Underground Mining** | TuTh 12:05-1:20pm  | 3 | Sekhar Bhattacharyya and Ang Liu | In PersonRoom TBA | MNG 404, MNG 422, MNG 331 |
| **MNG 411****Mine Systems Engineering** | MoWeFr 12:20-1:10pm &WEB | 2 | Shimin Liu | Hybrid001 Henderson Bldg. & WEB | MNG 230 and MNG 404 |
| **MNG 412****Mineral Property Evaluation** | TuTh 3:05pm-4:20pm  | 3 | Sekhar Bhattacharyya  | In Person008 Huck Life Sciences Bldg. | STAT 401; concurrent MNG 030 |
| **MNG 451W****Mining Engr. Project** | MoWeFr 9:05-9:55am  | 2 | Sekhar Bhattacharyya  | In Person036 Burrows Bldg. | MNG 331, MNG 404, MNG 412, MNG 422; Concurrent: MNG 410, MNG 441 |
| **MN PR 401****Mineral Process Engineering** | TuTh 9:05-10:20am  | 3 | Barbara Arnold  | In Person003 Willard Bldg. | MN PR 301 and (MATH 250 or MATH 251) |
| **MN PR 413****Mineral Processing Lab** | Tuesday 3:35-5:30pm  | 3 | Barbara Arnold  | In Person027 Hosler  | Concurrent: MNPR 301 |
| **EMSC 100S** | MoWeFr 11:15am-12:05pm  | 3 | Barbara Arnold  | In Person219 Thomas Bldg.  |  |
| **PNG 397** **Data Analytics for Energy Systems** | MoWeFr 11:15am – 12:05pm | 3 | Eugene Morgan | In Person112 Borland Bldg.  | MATH 22 or higher |