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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 Person  101 Elec Eng East Bldg. | MNG 230 |
| **MNG 410**  **Underground Mining** | TuTh 12:05-1:20pm | 3 | Sekhar Bhattacharyya and  Ang Liu | In Person  Room TBA | MNG 404, MNG 422, MNG 331 |
| **MNG 411**  **Mine Systems Engineering** | MoWeFr 12:20-1:10pm &  WEB | 2 | Shimin Liu | Hybrid  001 Henderson Bldg. & WEB | MNG 230 and MNG 404 |
| **MNG 412**  **Mineral Property Evaluation** | TuTh 3:05pm-4:20pm | 3 | Sekhar Bhattacharyya | In Person  008 Huck Life Sciences Bldg. | STAT 401; concurrent MNG 030 |
| **MNG 451W**  **Mining Engr. Project** | MoWeFr 9:05-9:55am | 2 | Sekhar Bhattacharyya | In Person  036 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 Person  003 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 Person  027 Hosler | Concurrent: MNPR 301 |
| **EMSC 100S** | MoWeFr 11:15am-12:05pm | 3 | Barbara Arnold | In Person  219 Thomas Bldg. |  |
| **PNG 397**  **Data Analytics for Energy Systems** | MoWeFr 11:15am – 12:05pm | 3 | Eugene Morgan | In Person  112 Borland Bldg. | MATH 22 or higher |