Subject: Economics of Metal Industries and Markets           Number: EBGN535

Course Title: Economics of Metal Industries and Markets

Section: A

Semester/year: Fall 2014

Instructor or Coordinator: John E. Tilton

Contact information (Office /Email): Engineering Hall/ jtilton@mines.edu

Office hours: 10:00am – 12:00pm Thursdays

Class meeting days/times: 3:30pm – 6:10pm Thursdays

Class meeting location: Marquez 226

Web Page/Blackboard link: NA

Teaching Assistant (if applicable): Andrew Gulley

Contact information (Office/Phone/Email): To be provided

Instructional activity:  _3_ hours lecture     _0_ hours lab    __3_ semester hours

Course designation: ___ Common Core   ___ Distributed Science or Engineering

___ Major requirement   __X_ Elective   ___ Other (please describe ______)

Course description from Bulletin:

Metal supply from main product, byproduct, and secondary production. Metal demand and intensity of use analysis. Market organization and price formation. Public policy, comparative advantage, and international metal trade. Metals and economic development in the developing countries and former centrally planned economies. Environmental policy and mining and mineral processing. Students prepare and present a major research paper. Prerequisites: Principles of Microeconomics, MATH111, EBGN509, EBGN510, EBGN511; or permission of instructor.

Textbook and/or other requirement materials:

Required text: None

Other required supplemental information: Various articles and other readings provided by instructor

Student learning outcomes: At the conclusion of the class students will have:

1. An understanding of how metal industries and markets behave and why
2. An enhanced ability to apply economic principles learned in other courses to mineral commodity markets
3. Stronger analytical skills and research capabilities
4. Improved communication skills, especially writing skills
Brief list of topics covered: Course outline provided separately.

**Policy on academic integrity/misconduct:** The Colorado School of Mines affirms the principle that all individuals associated with the Mines academic community have a responsibility for establishing, maintaining, and fostering an understanding and appreciation for academic integrity. In broad terms, this implies protecting the environment of mutual trust within which scholarly exchange occurs, supporting the ability of the faculty to fairly and effectively evaluate every student's academic achievements, and giving credence to the university's educational mission, its scholarly objectives and the substance of the degrees it awards. The protection of academic integrity requires there to be clear and consistent standards, as well as confrontation and sanctions when individuals violate those standards. The Colorado School of Mines desires an environment free of any and all forms of academic misconduct and expects students to act with integrity at all times.

Academic misconduct is the intentional act of fraud, in which an individual seeks to claim credit for the work and efforts of another without authorization, or uses unauthorized materials or fabricated information in any academic exercise. Student Academic Misconduct arises when a student violates the principle of academic integrity. Such behavior erodes mutual trust, distorts the fair evaluation of academic achievements, violates the ethical code of behavior upon which education and scholarship rest, and undermines the credibility of the university. Because of the serious institutional and individual ramifications, student misconduct arising from violations of academic integrity is not tolerated at Mines. If a student is found to have engaged in such misconduct sanctions such as change of a grade, loss of institutional privileges, or academic suspension or dismissal may be imposed.

The complete policy is [online](#).

**Grading Procedures:**

Grades are based on the student's performance on weekly quizzes, a final exam, and a group research project.

Grades will be assigned according to the following weighting: quizzes and class participation – 20%; final exam – 40%; group research project – 40%.

**Coursework Return Policy:** Quizzes, the exam, and draft and final versions of the research paper will be returned within in two weeks along with suitable comments to help the student understand how to improve his or her performance.

**Absence Policy:** Students are expected to attend class. The quiz grade is the average of the best five quiz grades. There are no make-up quizzes for those missed. If a student has to be absent during the scheduled exam and has an approved excuse, he or she will have the opportunity to take a make-up exam.

**Homework:** NA

**Common Exam Policy:** NA

**Detailed Course Schedule:** A detailed course reading and assignment list is provided separately.