MESABI RANGE COLLEGE

Course Outline

Course Title: Physical Science Semester Course Prefix and Number Old Quarter Course Prefix and Num Number of Credits: 4 Semester(s) Offered: Class Size: 48/lecture 24/lab Negotiated by AASC on: (date)		Number of Lab H	
Course Purpose Code: 0 - Developmental Courses 1 - Non-transferable 2 - Technical course related to a course which has 4 - Other college course not consequence of the course which is intended intended for transfer. 9 - Continuing Education/Cus	the primary goal of applying considered a part of MNTC (e. to fulfill the Minnesota Transfe	g. computer science, her Curriculum (MNTC)	nealth, physical requirements or
Catalog Description: This course will cover four areas of ph geology. The physics portion will cover magnetism. The chemistry portion will atmospheric science portion will cover cover surface processes, plate tectonic	er measurements, motion, forc l cover chemical bonding, che Earth's atmosphere and its dy	es, energy, heat, and omical reactions, and ga	electricity and ases. The
Career Programs and Transfer Majo	095, CPT Placement, or instru	ıctor's consent	
Minnesota Transfer Curriculum Goa (Notes: No more than two goals may Officer's approval are required.)		ASC review and the Cl	
 None Communications Critical Thinking X Natural Sciences Mathematical/Logical Reason History and the Social and Expression 		The Humanities Human Diversit Global Perspec Ethical and Civi X People and the	ry tives ic Responsibility

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<u>Learning Outcomes</u>: (including any relevant competencies listed in the Minnesota Transfer Curriculum)

Upon completion of this course, the student will be able to:

- Demonstrate an understanding of scientific theories that pertain to physical science
- Evaluate societal issues from a natural science prospective
- Communicate their experimental findings by performing hands-on and/or online labs

Student Assessment Methods:

Homework assignments Labs Exams

<u>Use of Instructional Technology</u>: (includes software, interactive video and other instructional technologies):

PowerPoint and Internet: D2L, articles, interactives, animations, simulations

Additional Special Information: (special fees, directives on hazardous materials, etc.)

<u>Transfer Information</u>: (Please list colleges/majors that accept this course in transfer.) Bemidji State University (SCI 1110), Winona State University(CHEM 204), Ridgewater College (SCI 0105), and Lake Superior College (PHYS 1105).

Affiliated Mesabi Range College Courses and Programs:

Approvals:

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Body	Body Representative Signatures		
Faculty Association			
Academic Affairs Standards Committee			
Chief Academic Officer			

Distribution: Original – Instructional Services

Copies: Transfer Specialist, Originating Faculty Member, Records

Revised: December 2012

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