

PHYSICAL SCIENCES

EARTH SCIENCE and ENGINEERING Courses

THE EARTH SCIENCE & ENGINEERING STUDENTS SHALL BE ABLE TO:	ES 101	ES 102	ES 150	ES 180	ES 250	ATY 101	ENGR 103	ENGR 251	ENGR 271	ENGR 275
Understand the concepts and fundamentals of the physical sciences.	I	I	I	I	I	I		E	R	R
Demonstrate critical thinking and problem-solving skills.	I	I	I	I	I	I	I/E	R	R	E
Communicate technical information effectively.	I	I		I	I	I	I/E	E		R
Understand measurements, scales, and unit conversions.	I	I			I	I	I/E	R	R	R
Collect, process, and interpret scientific data.	I	I	I	I	I	I		R		
Construct and interpret graphs, maps, and other visual representations of data.	I	I/E		I	I/E	I		E	R	R
Perform safely in a laboratory setting.	I	I	I	I	I	I				
Identify career choices in physical science disciplines.	I	I	I	I	I	I		I		R
Appreciate the physical world and our place in it.	R	E	E	E	E	E		I		
Assess the scientific worth of information provided by popular media.	I							I		I

Submitted by: Ted Dolter

Division: Math and Sciences

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Status: Accepted

I = Introduce

E = Emphasis

R = Reinforce