

2006-2007 :: B.S. in Physics :: Undergraduate Program in NSM [review segment]				
2. Assessment Objectives				
#	Objective & Description	Related Items	Standards and Associations	Student Related
2.1	<b>Interpret behavior of energy and matter:</b> Be able to explain natural phenomena occurring in the physical universe in the light of the behavior of energy and matter.	<b>General Education Outcome Items</b> <ul style="list-style-type: none"> <li>2. Mathematics</li> <li>4. Natural Science</li> <li>10. Foundational Knowledge in Discipline(s)</li> </ul> <b>Strategic Plan Items</b> <ul style="list-style-type: none"> <li>VI-1 K-16 Education</li> </ul> <b>Institutional Priority Items</b> <ul style="list-style-type: none"> <li>COM-2 Protect Enrollment Gains, Access and Student Quality as part of moving toward Tier One Status</li> <li>COM-3 Sustain Progress toward Tier One Status in terms of programs, research and faculty quality</li> </ul>		Yes
2.2	<b>Apply science based techniques for problem solving:</b> Be able to demonstrate the ability to apply science based techniques for solving problems related to the physical world.	<b>General Education Outcome Items</b> <ul style="list-style-type: none"> <li>4. Natural Science</li> <li>10. Foundational Knowledge in Discipline(s)</li> </ul> <b>Strategic Plan Items</b> <ul style="list-style-type: none"> <li>VI-1 K-16 Education</li> </ul> <b>Institutional Priority Items</b> <ul style="list-style-type: none"> <li>COM-2 Protect Enrollment Gains, Access and Student Quality as part of moving toward Tier One Status</li> <li>COM-3 Sustain Progress toward Tier One Status in terms of programs, research and faculty quality</li> </ul>		Yes
2.3	<b>Discuss physical laws and theories:</b> Be capable of articulating physical laws and theories logically and quantitatively to facilitate entrance into professional engagement or advanced studies.	<b>General Education Outcome Items</b> <ul style="list-style-type: none"> <li>4. Natural Science</li> <li>10. Foundational Knowledge in Discipline(s)</li> </ul> <b>Strategic Plan Items</b> <ul style="list-style-type: none"> <li>VI-1 K-16 Education</li> </ul> <b>Institutional Priority Items</b> <ul style="list-style-type: none"> <li>COM-2 Protect Enrollment Gains, Access and Student Quality as part of moving toward Tier One Status</li> <li>COM-3 Sustain Progress toward Tier One Status in terms of programs, research and faculty quality</li> </ul>		Yes
2.4	<b>Describe limitations of scientific hypotheses:</b> Be capable of performing experiments to test laws and hypotheses and of describing the limitations of such measurements.	<b>General Education Outcome Items</b> <ul style="list-style-type: none"> <li>4. Natural Science</li> <li>10. Foundational Knowledge in Discipline(s)</li> </ul> <b>Strategic Plan Items</b> <ul style="list-style-type: none"> <li>VI-1 K-16 Education</li> </ul> <b>Institutional Priority Items</b> <ul style="list-style-type: none"> <li>COM-2 Protect Enrollment Gains, Access and Student Quality as part of moving toward Tier One Status</li> </ul>		Yes