

# CAP COMMITTEE - CAP COURSE REVIEW GUIDELINES

rev. 05/14/2016

NATURAL SCIENCES	
<p>An understanding of many significant issues confronting our world today requires a basic understanding of science. Students must take two three-hour lecture courses in the physical or life sciences or computer science, at least one of which should be accompanied by a corresponding one-hour laboratory section. Lecture sections are either a pre-requisite or co-requisite to their correlative laboratory sections. Students will be exposed to at least two of the five disciplines: biology, chemistry, computer science, geology, and physics. The science component will actively challenge students to explore the scientific dimensions of complex, controversial or unresolved problems facing human society. It will further the development of the outcomes related to scholarship, practical wisdom and critical evaluation of our times by challenging students to achieve an enriched understanding of the scientific method by applying it to issues of broad public interest. The community outcome will also be enhanced through the team-based learning that occurs in the laboratory setting.</p>	
<b>All of the following are addressed:</b>	
	This is one of the required courses in the physical or life sciences or computer science, at least one of which should be accompanied by a corresponding one-hour laboratory section. Lecture sections are either a pre-requisite or co-requisite to their correlative laboratory sections.
	Identify one or more of the five disciplines that the course addresses:
	Biology
	Chemistry
	Computer Science
	Geology
	Physics
	Challenges students to explore the scientific dimensions of complex, controversial or unresolved problems facing human society .
	It will further the development of the outcomes related to scholarship, practical wisdom and critical evaluation of our times by challenging students to achieve an enriched understanding of the scientific method by applying it to issues of broad public interest.
	The community outcome is enhanced through the team-based learning that occurs in the laboratory setting.
	The course is accompanied by a lab.
	The course is <b>not</b> accompanied by a lab.

## STUDENT LEARNING OUTCOMES

	<p style="text-align: center;">✓ All that apply.  <b>REQUIRED Learning Outcomes are marked with ** and a thicker border.</b>  <i>A minimum of one SLO is required for all CAP Courses.</i></p>						
	**Scholarship**	Faith Traditions	Diversity	Community	**Practical Wisdom**	**Critical Evaluation of Our Times**	Vocation
Course Objectives Reflect which SLO(s)?							
Course Content Reflects the targeted SLO(s)							
Developmental Level for SLO(s) are listed							
Method for student demonstration of SLO(s)							
Criteria for determining student achievement of SLO(s)							