



Course Number Course Name	307 ATMOSPHERIC SCIENCE
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	You will study how the climate system works, how climate has changed in the past, and how it is now being changed by human activity. You will develop the skills needed to analyze and critically evaluate public discussions of climate issues and written and oral communication skills in the context of climate and Earth system science.
Student Learning Outcomes/Objectives /Competencies of the Course	<ol style="list-style-type: none"> 1. Familiarity with basic concepts in physical, synoptic and dynamic meteorology 2. Ability to solve meteorological problems using appropriate methods 3. Understanding the physical significance of quantitative meteorological concepts.
College-Wide Student Learning Outcomes	<ol style="list-style-type: none"> 1. <i>Critical Thought</i> <i>Critical Thought will be assessed by testing of concepts related to Atmospheric Science.</i>