

Course Assessment Results aligned to Program SLOs

San Mateo CCCD

CAN Program - Physical Sciences

SLO	Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
Use the scientific method and appreciate its importance to the development of scientific thought.				
Document and communicate their work effectively.	CAN Dept - Astronomy - CAN ASTR 101 - Astronomy Laboratory - Communication and Reporting - Demonstrate scientific communication skills through clear, well-organized laboratory and project reports, as well as oral presentations (Created By CAN Dept - Astronomy)	<p>Assessment Method: Score on project reports on the topics in the SLO.</p> <p>Assessment Method Category: Project</p> <p>Success Criterion: Goal: 70% or better project report average.</p>		
Demonstrate critical thinking to analyze physical systems in terms of scientific concepts.	CAN Dept - Astronomy - CAN ASTR 100 - Introduction To Astronomy - Data Collection and Reporting - Demonstrate their astronomical skills and use of measurement tools through systematic collection, analysis, and reporting of data of solar elevation angle and length of daylight in a semester long project regarding the cause of the seasons (Created By CAN Dept - Astronomy)	<p>Assessment Method: Score on semester observation projects.</p> <p>Assessment Method Category: Project</p> <p>Success Criterion: Goal: 70% or better project average.</p>		