Name \_\_\_\_\_

## MSE 227L Precipitation hardening

	Poor	Fair	Average	Good	Excellent
Memorandum Format Used	1	2	3	4	5
Spelling, grammar, & punctuation correct	1	2	3	4	5

Report includes:	Poor	Fair	Average	Good	Excellent
Graph hardness vs. time of aging for specified aging temperatures. (Final result will be 1 natural and 1 artificial curve overlayed. Graph normal data, then convert X-axis to logarithmic scale in Excel.	5	10	15	20	25
Discuss how aging temperature affects the aging time and hardness.	1	2	3	4	5
Discuss what happens to the 190°C, 3 and 10 minute specimens after one week.	1	2	3	4	5
Discuss reason for changes in the 190°C, 3 and 10 minute specimens after one week.	1	2	3	4	5
Discuss the use of 2024 Al in an application at a temperature of $190^{\circ}$ C (370°F).	1	2	3	4	5
Discuss errors in this experiment and their sources.	1	2	3	4	5
Include table of results and data collected	1	2	3	4	5

	Poor	Fair	Average	Good	Excellent
Overall level of effort apparent	1	2	3	4	5
Quality of graphs	1	2	3	4	5
Quality of Abstract	1	2	3	4	5
Quality of work description	1	2	3	4	5
Quality of conclusions	1	2	3	4	5