

ATSC 413 Exam Rubric (for midterm and final exams)

	Exemplary (>80%)	Proficient (61%-80%)	Developing (50%-60%)	Beginning (<50%)
Demonstration of understanding via targeted questions	Can select relevant learning goals to correctly answer all questions.	Selects most of the relevant learning goals to correctly answer most questions.	Shows poor understanding of learning goals. Can correctly answer only a small portion of the questions.	Mostly incorrect or random answers bearing little or no relationship to the questions.
Distractors	Selects all of the relevant NWP and weather maps for the case study, and ignores the distractors.	Selects most of the relevant NWP and weather maps for the case study, and ignores most of the distractors.	Tries to use all of the provided NWP and weather maps with little understanding of which ones are relevant.	Show no understanding about how any of the NWP or weather maps can relate to the case study.
Logic	Explains how all the different aspects of weather and fires relate to each other, and how they evolve for the case study.	Explains how most of the aspects of weather and fires relate to each other, and how they evolve for the case study.	Explains few aspects of how weather and fires relate to each other, and how they evolve for the case study.	Unable to recognize and explain cause and effect of weather and fire for this case study.
Conclusions and Reasoning	Makes a sound decision on fire-weather based on appropriate evidence from the NWP and weather data. Clearly discusses uncertainties and alternatives.	Makes an OK decision based on appropriate data. Reasoning slightly flawed. Doesn't recognize likely sources of error.	Makes a poor decision based on inappropriate reasons. Or makes a good decision for the wrong reasons. Doesn't recognize likely sources of error.	Unable to complete the exam and/or reach a decision.