

Course =	Material and energy balances	Semester =	Spring 2021
Name(s) =			
Video =			

	A level	B level	Below B level	F level	Comments
Summary communicates effectively the concepts of the problem.	1. Word count 100 to 150 words 2. 3 or more course concepts used 3. How video incorporated into problem	2 of 3 A level criteria satisfied	1 of 3 A level criteria satisfied	Little or no attempt.	
	5	4	3	0	out of 5 points
The video is new or interesting.	1. Less than 5 minutes (can be subsection of longer video) 2. Original 3. Entertaining or exciting	2 of 3 A level criteria satisfied	1 of 3 A level criteria satisfied	Little or no attempt.	Video that are NOT original: Mythbusters, How its made, involving ethanol.
	5	3	1	0	out of 5 points
The video is quantitatively integrated into the problem.	At least one value derived from the video is clearly found in the problem statement.			Little or no attempt.	
	5			0	out of 5 points
Problem statement is complete and difficulty is appropriate.	1. Articulates situation clearly 2. Asks at least 3 questions 3. Difficulty is similar to quiz or exam problems	2 of 3 A level criteria satisfied	1 of 3 A level criteria satisfied	Little or no attempt.	
	10 9	8 7	6 4	0	out of 10 points
Problem solution is complete, correct, and clearly explained.	1. Professionally formatted: Not handwritten. Includes assumptions and citations as appropriate. 2. Includes correct visuals and balances / equations. Calculates final, correct answers with appropriate significant figures 3. Includes written explanations as a guide	2 of 3 A level criteria satisfied	1 of 3 A level criteria satisfied	Little or no attempt.	
	15 14 13	12 11 10	9 7 5	0	out of 15 points

Total score Out of 20 points and up to 40 points