

Note:

- Yesterday I sent an email about review notes (that included a practice exam)
- Exam is Tuesday
- Bring your student ID
- Latecomers: you may not enter after the first student has turned in their exam



Outline for 19 October (Thursday)

- Comments on Feedback
 - Lecture
 - Exams
- Review for Exam 2
 - Study tips
 - Solutions?
 - Problems

Study tips

- As you go over these problems, try to classify them as “definition”, “concept”, “scaling”. For the concept questions, make sure you know what physical principle the question is testing your knowledge of.
- The practice questions do not quite cover everything I covered in class. I will not review everything covered in class today.

Study tips

Equation
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scales wit
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with temp

Keyword
absorption
refraction
magnifica
Scaling, F
albedo, al
warming,
magnetos
Radiation

Know the definition and be able to look at the word and identify concepts associated with it (make them easier to remember)

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 - Solutions?
 - Some were worked in class previously. Some will be worked today. Some I will not provide solutions for.

Typo in question from lecture 12

- How much more energy does a 4 cm radius circular collector absorb than a 1 cm radius collector?
 - Same
 - 2x
 - 4x
 - 16x
 - Need more info

In the version of the notes I posted before class these were reversed

Area of circle is proportional to r^2
A2 is proportional to $(1 \text{ cm})^2 = 1 \text{ cm}^2$
A1 is proportional to $(4 \text{ cm})^2 = 16 \text{ cm}^2$