The emphasis in the exam will be on the prescribed chapters of the book by Matlin, Cognitive Psychology, and on the topics discussed in the lectures by Zerrin and Joske.

Questions will also cover all articles mentioned in the literature list, and the guest lecture by Hans Theuws of Noldus. For these articles, we provide the following tips and suggestions.


- We will not ask you which parts of the brain are involved in emotion processing.
- The paragraph Theories of Affective Effects is important. However, it is a complex paragraph; can you draw some general conclusions from the research that is discussed? Try to match what you read here with the theory offered by Matlin and the chapter by Forgas.
- Make sure you understand the main characteristics of the four approaches to affective sciences in hf/hci; and that you are able to explain the practical recommendations included at the end of each description. Table 1.1 can help you understand the approaches.
- The paragraphs on affect induction and affect measure/detection techniques are important! You should be able to produce Table 1.2 yourself. Relate what you learned in the guest lecture by H. Theuws (Noldus) to the paragraph on affect measure/detection techniques.


- This paper reads well, and is not too complex. Check if you can reproduce the main points and conclusions of each of the four sections:
  1. The contemporary social structure of technology, including how both emotions lead to technology use and technology use influences emotions;
  2. how affective processes manifest and change when interacting with others over communication technologies, especially the Internet. Pay extra attention to the paragraph “Forms of affective mediation”;
  3. Emotions in human-computer interaction including the cultural and affective consequences when human sociality is directed toward machines;
  4. Technologically innovative methodologies.


- The authors focus on mood measurement, in contrast to emotion measurement. The difference between emotion and mood is very important. Also pay attention to the differences in the measurement technique they describe. What are the advantages and disadvantages of each measurement method, such as self-reports measures? What are, according to the authors, the benefits of pictorial measures compared to verbal self-report?
The authors describe the development process of Pick-a-Mood. Make sure you understand the main steps they took for the design and validation, and the issues they encountered.

Gruber, J. Human Emotion 1.3: What is an emotion?

- The topics in this online course are also covered in the lectures, so study them carefully.


- Study the three main theories accounting for mood congruence: (1) associative network theories emphasizing memory processes (2) affect-as-information theory relying on inferential processes and (3) an integrative Affect Infusion Model (AIM).
- In the paragraph “Evidence for mood congruence in thinking and behavior”, pay attention to “Mood Congruence in Memory and Attention; Mood-State Dependent Memory.
- Also, study the paragraphs: Mood Effects on Information Processing Strategies; The Assimilation/Accommodation Model; Mood Effect On Memory Performance; Mood Effects On Judgmental Accuracy; and, of course, the Summary and Conclusions.