UBLIS571%LearningBlogWeek02

**Week 2. Part 1. Foundations. Knowledge and knowledge representation**

**Learning notes and questions Week 2**

You may find helpful to keep a learning blog/diary in which you enter for each week:

1 What have I learned, what was most important, what was most interesting, what was extraneous; what helps me in my (future) work? How?

2 How does a course idea support better service to users, directly or indirectly?

3 How does a course idea relate to other ideas in this course and/or to other courses?

4 Comments on readings – what did it contribute, how hard was it, ...

5 What did I not understand? How does my not understanding this affect my (future) work? **What questions do I have?**

6 Course critique and suggestions;

Want to share with the class? Copy and paste to the discussion board for Week 2

**Any topic**

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**Lecture 2.1 The nature of knowledge**

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**Lecture 2.2 Knowledge representation**

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| **Objective #** | **Learning Objectives Check Week 2** | **0** | **1** | **2** | **3** | **4** |
| --- | --- | --- | --- | --- | --- | --- |
| L2.1**-1** | **I understand the different types of knowledge.** (P1.1.1)  Questions / comments: |  |  |  |  |  |
| L2.1-**1.1** | **I can see how understanding types of knowledge helps with understanding and answering users' questions.** (P2.1)  Questions / comments: |  |  |  |  |  |
| L2.1-**1.2** | **I can see how understanding types of knowledge helps with database organization.**  (P2.3)  Questions / comments: |  |  |  |  |  |
| L2.1-**1.3** | **I can see how understanding types of knowledge helps with the assessment and evaluation of information in all forms** (P2.2.2.2.3; P2.5.2.3)  Questions / comments: |  |  |  |  |  |
| L2.1-**1.4** | **I can see how understanding types of knowledge helps with designing learning experiences.** (P2.6.1.2.1)  Questions / comments: |  |  |  |  |  |
| L2.1-**2** | **I understand the different ways in which concepts are formed, defined, and used by people.** (P1.1.1)  Questions / comments: |  |  |  |  |  |
| L2.1-**2.1** | **I can see how understanding concept formation and use helps with understanding and analyzing information needs.** (P2.1)  Questions / comments: |  |  |  |  |  |
| L2.1-**2.2** | **I can see how understanding concept formation and use helps in building classifications and selecting materials that will help users constructing the knowledge they need.** (P2.3)  Questions / comments: |  |  |  |  |  |
| L2.1-**2.3** | **I can see how understanding concept formation and use helps with designing information presentation.** (P2.3.1.3, P2.5.2.5)  Questions / comments: |  |  |  |  |  |
| L2.1-**2.4** | **I can see how understanding concept formation and use helps with designing learning experiences.** (P2.6.1.2.1)  Questions / comments: |  |  |  |  |  |
| L2.2-**1** | **I have a better understanding how the entity-relationship approach is used in representing data.** (P2.3.1.1.1)  Questions / comments: |  |  |  |  |  |
| L2.2-**1** | **I have an understanding of frames.** (P2.3.1.1.5)  Questions / comments: |  |  |  |  |  |
| L2.2-**1.1** | **I can see how frames are useful to help learners acquire and organize knowledge.** (2.3.1.1.5.1)  Questions / comments: |  |  |  |  |  |
| L2.2-**2** | **I understand different mechanisms of knowledge processing.** (P2.3.1.2)  Questions / comments: |  |  |  |  |  |
| L2.2**-2.1** | **I understand hierarchical inheritance.** (P2.3.1.2.1)  Questions / comments: |  |  |  |  |  |
| L2.2-**2.1** | **I can see how hierarchical inheritance can be used for more efficient organization of information in computer systems and in the mind.** (P2.3.1.2.1)  Questions / comments: |  |  |  |  |  |
| L2.2-**2.1** | **I can see how hierarchical inheritance can be used for more efficient presentation of information to users/readers.** (P2.3.1.2.1)  Questions / comments: |  |  |  |  |  |
| L2.2-**3** | **I have a better grasp on finding answers to a user's question by combining knowledge from one or more systems.** (P2.3.2.1)  Questions / comments: |  |  |  |  |  |
|  | **An objective you think should be here (from the list or your own)**  Questions / comments: |  |  |  |  |  |
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