

Lecture Activity

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Why a lecture given by students?

Pragmatic things

Average retention rate (after 24h) for different learning techniques:

| | |
|-------------------|-----|
| Lecture | 5% |
| Reading | 10% |
| Audio-visual | 20% |
| Demonstration | 30% |
| Discussion group | 50% |
| Practice by doing | 75% |
| Teach to others | 90% |

Taken from the National Training Laboratories, Bethel Maine USA.

Presentation: Lecture activity

- What do we expect?
 - Academic presentation (oral and writing) on a specific topic
 - Literature search and analysis
 - Comprehension and understanding
- Scheduling
- **Mark:** 50% document + 50% presentation (ppt) and interaction
 - Interaction = prepare 1 “good” question for the twin group
 - Oral presentation = 20 minutes

Presentation: Lecture activity

Lectures given by students 14/03/2016 & 18/04/2016:


- 15' handout (guided)
- 2h searching for additional information (group)
- 2h reviewing and understanding the info (group)
- 2h search for consensus. Preparation of 1st draft doc (group)
- 30' control with teachers (guided)
- 7h doc and presentation preparation (group)
- 15' last review of doc and presentation (guided)
- 2h last corrections and tests (group)
- 4h classroom presentation (control)

0 Presentation

0.4 Agenda

 Lectures

 Seminars

 Lab sessions

 Lecture given by students

| gener 2016 | | | | | | | |
|------------|-----------------|-----|-----|-----|-----|-----|-----|
| | dl. | dt. | dc. | dj. | dv. | ds. | dg. |
| | | | | | 1 | 2 | 3 |
| A | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | 11 ^A | 12 | 13 | 14 | 15 | 16 | 17 |
| | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| | 25 | 26 | 27 | 28 | 29 | 30 | 31 |

| febrer 2016 | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| | dl. | dt. | dc. | dj. | dv. | ds. | dg. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| A | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| B | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| A | 29 | | | | | | |

| març 2016 | | | | | | | |
|-----------|-----|-----|-----|-----|-----|-----|-----|
| | dl. | dt. | dc. | dj. | dv. | ds. | dg. |
| A | | 1 | 2 | 3 | 4 | 5 | 6 |
| B | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| A | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| B | 28 | 29 | 30 | 31 | | | |

| abril 2016 | | | | | | | |
|------------|-----|-----|-----|-----|-----|-----|-----|
| | dl. | dt. | dc. | dj. | dv. | ds. | dg. |
| B | | | | | 1 | 2 | 3 |
| A | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| B | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| A | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| B | 25 | 26 | 27 | 28 | 29 | 30 | |

| maig 2016 | | | | | | | |
|-----------|-----|-------------------|-----|-----|-----|-----|-----|
| | dl. | dt. | dc. | dj. | dv. | ds. | dg. |
| B | | | | | | | 1 |
| A | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| B | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | 16 | 17 ^{dib} | 18 | 19 | 20 | 21 | 22 |
| | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| | 30 | 31 | | | | | |

| juni 2016 | | | | | | |
|-----------|-----|-----|-----|-----|-----|-----|
| dl. | dt. | dc. | dj. | dv. | ds. | dg. |
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | | | |

| juliol 2016 | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|
| dl. | dt. | dc. | dj. | dv. | ds. | dg. |
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

| setembre 2016 | | | | | | | |
|---------------|-----|-----|-----|-----|-----|-----|--|
| dl. | dt. | dc. | dj. | dv. | ds. | dg. | |
| | | | 1 | 2 | 3 | 4 | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | |
| 26 | 27 | 28 | 29 | 30 | | | |

Assignments

- **Weber Local Descriptor (WLD) [PAMI 2010]** Supervisor: Xavi & Arnau
- **Image Segmentation Using Contour-guided Color Palettes [CVPR15]:**
Supervisor: Xavi & Arnau
- **Semantic Segmentation:** Supervisor: Arnau & Xavi
- **Biometric Identification** Supervisor: Arnau & Xavi