



Artificial Intelligence III:
Artificial Intelligence and Deep Learning

Course Information

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Artificial Intelligence III: Artificial Intelligence and Deep Learning

Course Information

- ◆ Artificial Intelligence III:
Artificial Intelligence and Deep Learning
- ◆ **One-semester** course
- ◆ **2.5** Credits
- ◆ **40** Teaching Hours (All Lectures)
 - **Part 1 (20THs) : Basic Machine Learning**
 - Dr. Patrick Chan
 - **Part 2 (20THs) : Deep Learning**
 - Dr. Shi Dang Xu



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Part 1: Course Information

- ◆ From **Week 1** to **Week 5**
- ◆ Every
 - **Monday 08:50 – 10:25**
 - **Wednesday 08:50 – 10:25**
- ◆ Venue: **F3-a302**
- ◆ Mode of Study:

<ul style="list-style-type: none"> ■ Lecture ■ Tutorial 	}	Participation	20%
<ul style="list-style-type: none"> ■ Assignment 			80%
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Total			100%



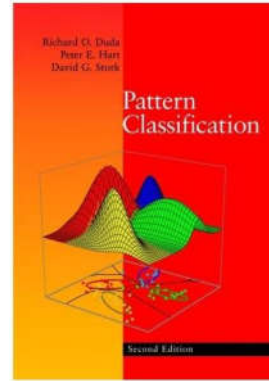
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Part 1: Reference

◆ Pattern Classification

- 2nd edition
- Richard O. Duda, Peter E. Hart and David G. Stork
- John Wiley & Sons, 2000



5

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Part 1: Website

- ◆ Course Material can be download here
<https://teaching.mlclab.org/AI/bio.htm>

- ◆ You can download the lecture notes and tutorial after lessons



6

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Cheating

- ◆ It is a **very important part** of your university **education**
- ◆ You should **do your own job (e.g. assignments and test/examination paper)**
- ◆ **Simple Rule:**
 - Never use someone else's writing
 - Do not let someone copy your work
- ◆ **If cheating is found**
 - **Zero mark (both)**
 - **Report to the School and the University**



7

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LLM Guideline

- ◆ **Not Allowed**
 - submitting AI-generated work **without understanding**
 - copying code or analysis **blindly**
- ◆ **Transparency Requirement**
 - You must clearly document:
 - where LLMs were used
 - what prompts were used (summary form)
 - how outputs were verified or modified



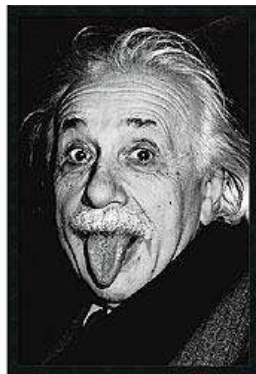
8

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My Teaching Philosophy

- ◆ I never teach my pupils; I only attempt to provide the conditions in which they can learn



Albert Einstein



9

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Advices...

- ◆ **Enjoy** each lesson
- ◆ **Think** more
- ◆ **Ask** questions
- ◆ **Smile** 😊 (*even you fail*)
- ◆ Read in advance
- ◆ Do the exercise
- ◆ Form a study group



10

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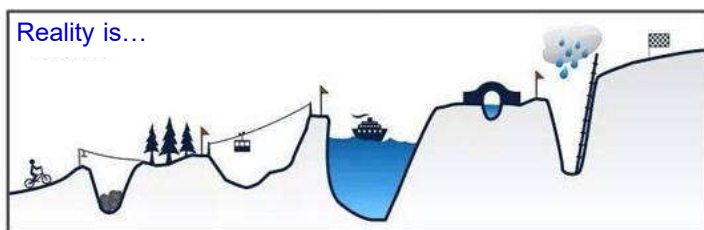


Work Hard, Don't Wait

What you think this course is...



Reality is...



11

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Pain is inevitable
Suffering is optional

Good Luck!



12

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