GSCI1801A

Information Science

Lecture 0: Introduction

Asst. Prof. Chawanat NAKASAN | 2020-10-05

About Me

Bachelor of Engineering
(Computer Engineering)
Kasetsart University, Thailand

Doctor of Engineering
(Information Science)
Nara Institute of Science and Technology

About Me

KANAZAWA UNIVERSITY | Emerging Media Initiative

Currently working at Emerging Media Initiative (学術メディア創成センター)

Research and work topics:
- Multipath networking
- Information security
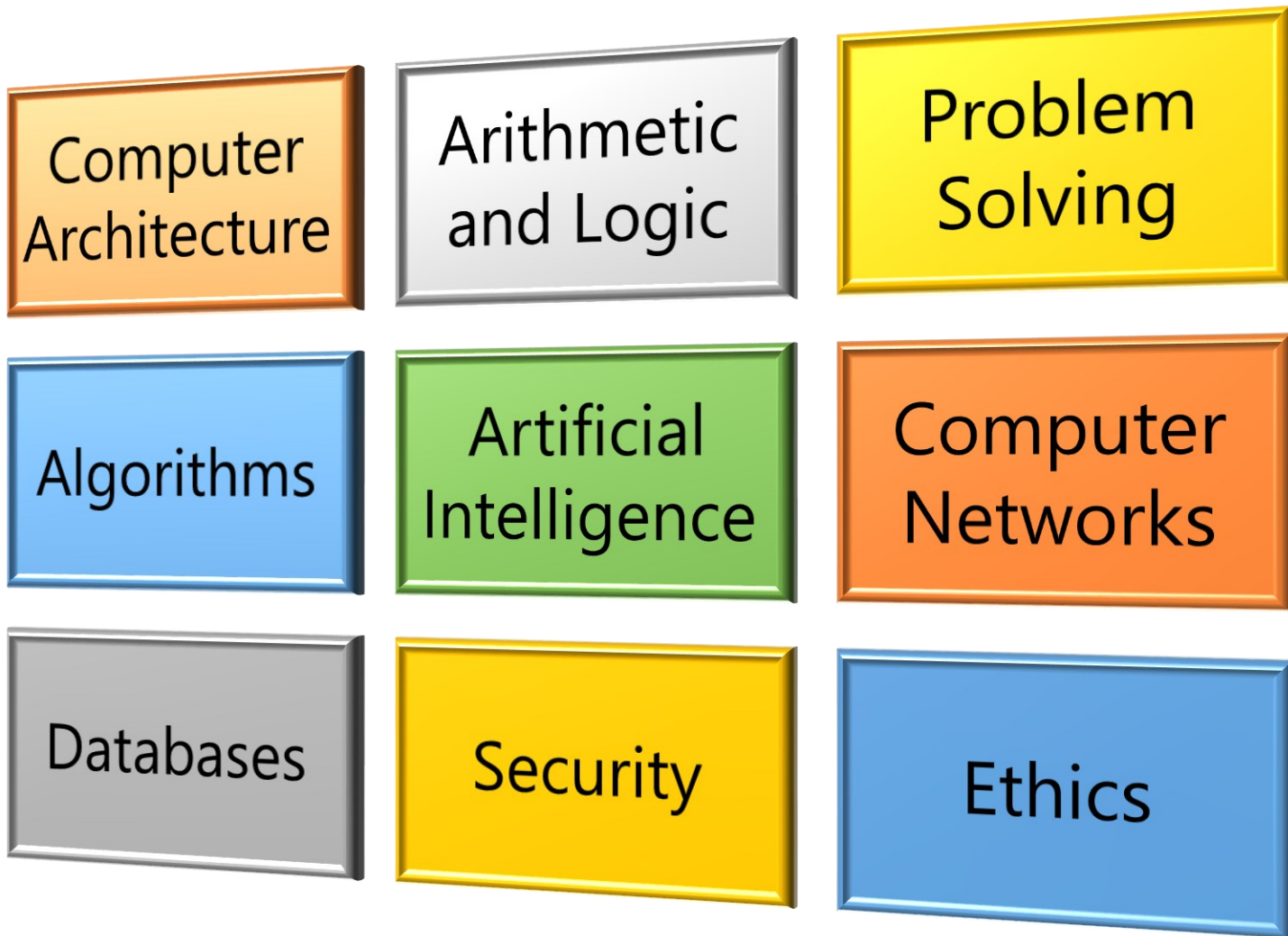- Computer science education

Favorite school subjects:
- Computers
- Physics
- English

Class Time & Location

- **Tuesdays Period 3**
- **Room B4**
- Location may change based on today's attendance.

Welcome to the World of Computers

Computer Architecture	Arithmetic and Logic	Problem Solving
Algorithms	Artificial Intelligence	Computer Networks
Databases	Security	Ethics

Schedule

Class Content

- Roughly follows the previous slide!

Report (2-pages)

- One report due after Week 4, another due right after Week 8.
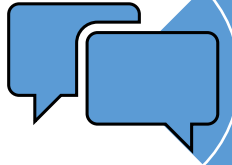- Topic is flexible. We'll talk later.

Exam

- Exam is on Week 8.
  May be canceled due to Coronavirus or class logistics.
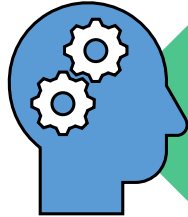- Current plan is up to 40 minutes, with 5 big questions.

Weekly Schedule

Week/Date	Content	Activities
1 (2020-10-05)	Computer & Architecture	
2 (2020-10-12)	Problem Solving & Algorithms	
3 (2020-10-19)	Problem Solving & Algorithms	
4 (2020-10-26)	Artificial Intelligence	Report #1 Announced
5 (2020-11-02)	Computer Networks	
6 (2020-11-09)	Databases	Report #1 DUE
7 (2020-11-16)	Information Security & Computer Ethics	Report #2 Announced
8 (2020-11-30)	Review, Free Discussion (if exam held) (A video review will be uploaded if exam is not held. In this case, the class will be cancelled.)	Examination (if held) & Report #2 DUE

Difference from the Japanese Version

It's in English!
- This class is 100% in English.

More emphasis on problem solving
- This is one most important skill in computer science, and we will refine on it a lot.

Quicker, more exciting, more engaging, and more fun!
- This class is done OUR way, not MY way.

Contact

chawanat@
staff.kanazawa-u.ac.jp

Emerging Media Initiative
学術メディア創成センター

Room A202

Office Hours
Tue 0900 -- 1200
Except some weeks!
Appointment not necessary
but recommended.

Contact directly using
E-mail. Use LMS for
report submission.

Coronavirus Prevention

Maintain Social Distancing
- No-Contact Class Activities

Reduced Classroom Occupancy
- Classroom B4 is limited to 50 persons.
- Online Attendance is always allowed.

Hygiene
- Masks (Mandatory)
- Mitsu-no-Mi (3つの密) / Three C's (MHLW)
- Use the Hand Gel/Alcohol
- Drinking water is OK. Avoid eating food.

Class Evaluation Changes
- Online Participation Gives Credits (LMS, forums, chatroom, etc.)
- All quizzes online!

Online Attendance

- Available at:
  https://knzw-univ.webex.com/knzw-univ/j.php?MTID=mba9fa634d2ad0019d31958670c0cffc9
  - (Link is also available in the LMS.)

- If password is needed, it is "informationsci" (all small letters, no spaces, no quotes).
  - If the password is not accepted, then it's not class or office hours.

- Online attendance is also open to limited audience outside Kanazawa University (at my discretion).

Public Offering

- This class is also being offered worldwide to non-KU students.

Do not share official class material across two communities.
(Due to copyright and Google TOS.)
Download material only from your designated LMS.

KU students MUST use KU LMS.

General public MUST use Google LMS.

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For Non-Student Guests

Due to COVID-19 precautions, please do not come to the physical class if you are not officially registered.

Please do not interrupt the class. Questions should be asked through the chat system, not by opening your microphone.

Due to LMS structure and content licensing, I cannot make quizzes or official material available to non-students. (My slides are available publicly.)

I believe in **talking**! Let me know if:

I make errors

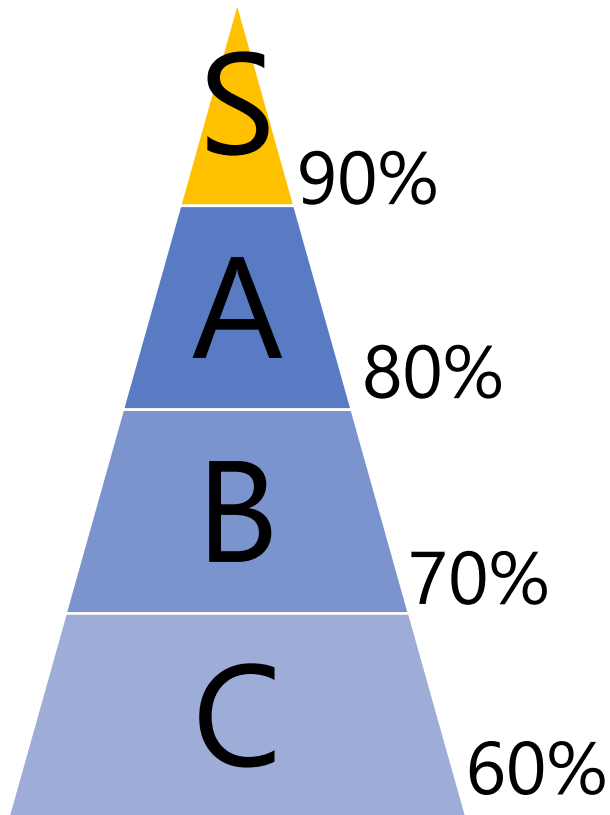Quiz questions are outside course syllabus

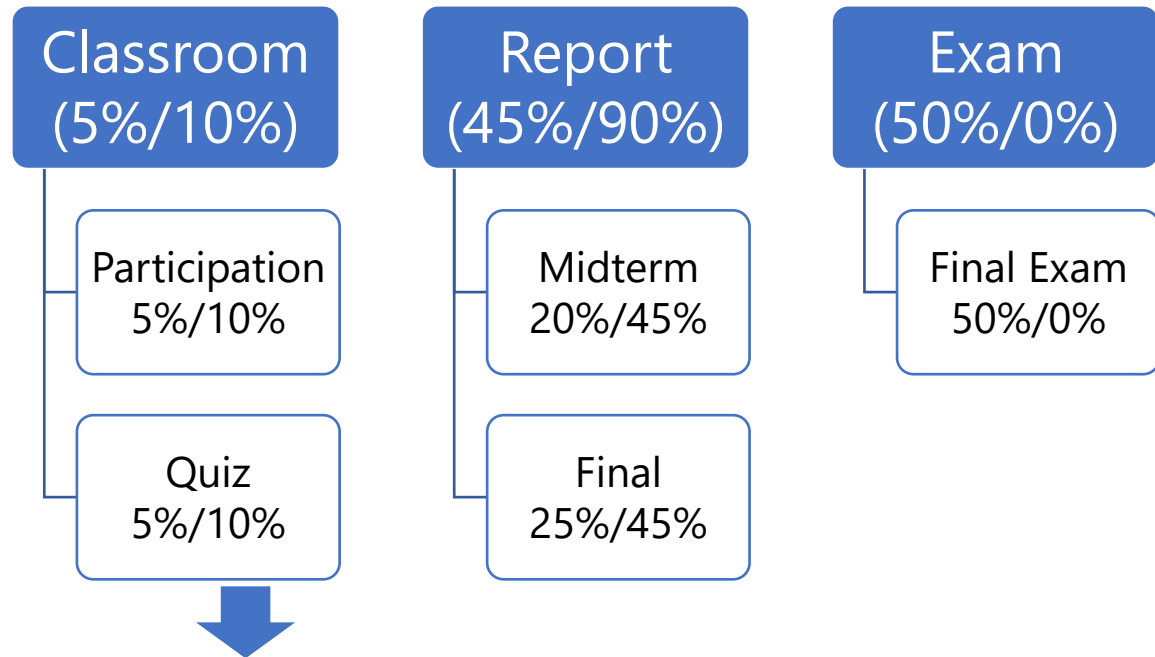You do not understand something

There are any comments

Something else is wrong

Grading Policy

Grading Levels

S — 90%
A — 80%
B — 70%
C — 60%

Breakdown (exam/no-exam)

Classroom (5%/10%)	Report (45%/90%)	Exam (50%/0%)
Participation 5%/10%	Midterm 20%/45%	Final Exam 50%/0%
Quiz 5%/10%	Final 25%/45%	

Participation + Quiz are added together and up to 5%/10% is used towards the final grade.
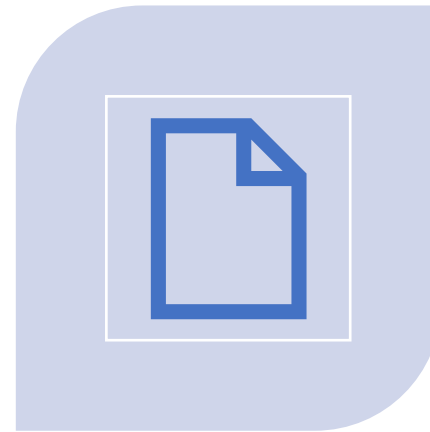
⚠ KU General Studies may check your attendance.
Repeated absence is not recommended even if it is not scored.

Pre-Lesson Quiz

- Held every beginning of class (13:15 ~ 13:25).
- You MUST sincerely attempt all questions.
- Online students: This is the only way to get marked as present.※

AT HOME: **LMS ONLY**

IN CLASS: LMS OR PAPER

※ You may still be marked absent if you do the quiz on LMS, but I can't find you online or in classroom.
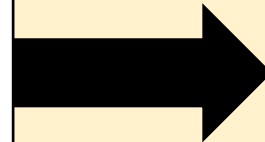
Pre-Lesson Quiz: Can't use PC?

If you cannot use your PC for any reason (including accessibility), please do your quiz on a piece of paper. Grading will be the same. *Please understand that this is an alternative method.*

* Japanese Name (if available)
* English Name (last name in CAPITALS)
* Full Student ID Number

→

角間　あざみ
KAKUMA Azami
205XXXXXXX

Write your answers in the paper.
紙に書いてください。

Use pen only (do not use pencil), except diagrams and figures.
ペンのみ使ってください。図はえんぴつもＯＫです。

SINCERELY attempt all questions, or your quiz will not be scored.
本気じゃないで答える場合は、クイズを採点しません。

TIME LIMIT: 10 MINUTES AFTER CLASS STARTS!
授業開始後10分まで！

Pre-Lesson Quiz: Question Types

GRADED

PRE-TEST

QUESTIONNAIRE

Graded Questions
- Affects your score.
- Refers to past lessons.
- Today we will not have graded questions.

Pre-Test and Questionnaire
- No score.
- Refers to today's class or asks for your comments.

SINCERELY attempt all questions, or your quiz will not be scored.
クイズを本気で答えない場合は、採点しません。

All questions must be answered unless it is marked OPTIONAL.
問題に[OPTIONAL]をつけてると、答えなくてもいいです。

Pre-Lesson Quiz: Not Answering?

QUESTIONNAIRE
OPTIONAL

1. ....

QUESTIONNAIRE
OPTIONAL

2. ....

QUESTIONNAIRE
OPTIONAL

3. ....

You may answer:

1. ---
2. No opinion. 特になし
3. "Prefer not to Answer"

SINCERELY attempt all (other) questions, or your quiz will not be scored.
クイズを本気で答えない場合は、採点しません。

All questions must be answered unless it is marked OPTIONAL.
問題に[OPTIONAL]をつけてると、答えなくてもいいです。

Report

THERE WILL BE TWO
REPORTS.

YOU CAN CHOOSE THE
TOPIC FOR EACH
REPORT.

DEADLINE WILL BE
LISTED TOGETHER WITH
THE ANNOUNCEMENT.

SUBMIT ALL REPORTS BY
LMS.

Class Rules (Syllabus Item 20.1)

- Substandard Information Security Behavior
  - Displaying your Kanazawa University ID (account name),
  - or clicking suspicious links (if I see you do it), etc.
  - **Fine**: 2% off final score. 81/100 ➔ 79/100. **A ➔ B!!!**
  - This cannot push you from C to fail.
- **Plagiarism / 盗作**
  - **ZERO TOLERANCE**
  - **INSTANT, PERMANENT, FINAL, EPIC FAIL.**
  - ALWAYS reference sources!
  - Do not copy from friends or other sources. Think and write your own reports!
- Check the other rules in the hard-copy syllabus. (On LMS)

Get ready for the class!