**행정정보체계론(21507219 박현정)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **주차** | **출석(당일)** | **지각** | **결석** | **과제** | **비고** |
| 3월2일 | ○ |  |  |  | 연습 |
| **1주차(1)** 3월7일 | ○ |  |  |  | 연습 |
| **1주차(2)** 3월9일 | ○ |  |  |  | 연습 |
| **2주차(1)** 3월14일 | ○ |  |  |  |  |
| **2주차(2)** 3월16일 | ○ |  |  |  |  |
| **3주차(1)** 3월21일 | ○ |  |  |  |  |
| **3주차(2)** 3월23일 | ○ |  |  |  |  |
| **4주차(1)** 3월28일 | ○ |  |  |  |  |
| **4주차(2)** 3월30일 | ○ |  |  |  |  |
| **5주차(1)** 4월4일 | ○ |  |  |  |  |
| **5주차(2)** 4월6일 | ○ |  |  |  |  |
| **6주차(1)** 4월11일 | ○ |  |  |  |  |
| **6주차(2)** 4월13일 | ○ |  |  |  |  |
| **7주차(1)** 4월18일 | ○ |  |  |  |  |
| **7주차(2)** 4월20일 | ○ |  |  | 과제1 |  |
| **8주차(1)** 4월25일 | ○ |  |  |  | 중간고사 |
| **8주차(2)** 4월27일 |  |  |  |  | 휴강 |
| **9주차(1)** 5월2일 | ○ |  |  |  |  |
| **9주차(2)** 5월4일 |  |  |  |  | 휴강 |
| **10주차(1)** 5월9일 |  |  |  |  | 휴강 |
| **10주차(2)** 5월11일 |  |  | ○ |  |  |
| **11주차(1)** 5월16일 | ○ |  |  |  | 6월2일 게시 (서버다운) |
| **11주차(2)** 5월18일 |  |  |  |  | 휴강 |
| **12주차(1)** 5월23일 | ○ |  |  |  | 6월2일 게시 (서버다운) |
| **12주차(2)** 5월25일 | ○ |  |  |  | 6월2일 게시 (서버다운) |
| **13주차(1)** 5월30일 | ○ |  |  |  | 6월2일 게시 (서버다운) |
| **13주차(2)** 6월1일 | ○ |  |  |  | 6월2일 게시 (서버다운) |
| **14주차(1)** 6월6일 |  |  |  |  | 휴강 |
| **15주차(1)** 6월13일 | ○ |  |  |  | 보강(종강) |
| **16주차(1)** 6월20일 | ○ |  |  | 과제2 | 기말고사 |
| 합계 | 24 | 0 | 1 | 2 | ∙ |

**2주차(1) 3월14일**

College student must study 8 hour.

Oriented which Watching lecture than Listening lecture.

When you study, you have to empty in your head. And you use smart phone or computer.

People are work hard to for development. But, sometimes people do harm to society.

**2주차(2) 3월16일**

We have to study with a new paradigm.

We should not study in an industrial society way.

The important requirement of college students is health physically and psychologically.

Real studying is turning information into your own = Creation.

Boldly advance into the future.

**3주차(1) 3월21일**

We need training to bring out knowledge in the head.

Developed countries first implemented industrialization.

We have to matching work and study.

The most effective way is to use the Internet.
Need individuality. So we should summarize the professor's explanation.

What living for only oneself is same the animal level.

**3주차(2) 3월23일**

A need a firm belief about what i will do.

IOT: Everything is connected and everything can conversation.

We need to find keywords in smartphone information.

Creation is the role of people.

I need to reproduce myself.

For the 4th industry, requirement to relax government regulations and flexibility of labor.

We have to see a lot.

**4주차(1) 3월28일**

Evolution and machines are made to improve human physical ability.

But, only computer is made to improve the human brain area.- Anyone who is not a genius should use the computer well.

The fourth industry is planting human brains on objects.

The development of humanities was fast in the east. But development of science was fast in the west.

Development from an industrial society to an information society, inevitable the pollution and the mass unemployment.

We need a new paradigm that alternative the industrial society - information society.

Development the computer and network, changes organizational and social structures.

Ability that combine with a computer is important than personal ability.

**4주차(2) 3월30일**

People do not notice changes that are not visible.

Information society is a combination of human brain and computer.

Industrial society makes things with the body. But information society makes knowledge with head(computer).

As the telecommunication technology developed, the information society has removed the time and space constraints(Wi-Fi).

Create and find a job in virtual space.

Studying is take out the lot of knowledge in a computer.

We must widen our eyes.

Information is non-consuming. Therefore, the information does not need to save.

Information can be provided infinitely at the same price.

**5주차(1) 4월4일**

Information shows a big difference depending on the user.

The human brain is one, but the information society can utilize the artificial brain.

Computer is a tool to supplement the human brain, so there is a big difference depending on the user's ability. (Depending on creativity)

Separate the concept of brain from the concept of study. (Your own color is important.)

Systematic approach is important, and Study should also be done systematically.

Everything new is uncertain. (Always have relaxation)

Ability: What can be effectively combined with a computer.

The range of computers is unlimited. In addition to this, you need your own ideas.

The importance of informatization must be recognized. (We think a mistake of late industrialization)

In Korea, there are many differences in hardware and software quality.

**5주차(2) 4월6일**

We created pollution by exhausting energy for better.

You have to discover and develop your own genius. (Do not compare to others.)

Human must always find something that can do better.

All the information put in your computer, not put in your head.

In the informatization society, we should focus on what we can doing. (Not what we know)

It is important to connect something with curiosity or creativity.

Writing is important in study.

Develop yourself with confidence in yourself.

The US government priority is state. (USA=United State America)

We need Other standards in the information society.

Make a list of public information systems, and find the logic that penetrates it.

**6주차(1) 4월11일**

When you do your assignments, submit to the highest level we can.

The characteristics of the public information systems can be described cleary, but the concept definition is not clear.

'Information' and 'information systems' are exist in the human mind.

Produce information for exchange (by saying, write, digital data) or store information.

Information is supporting our work.

Viewpoint of Information-pragmatic perspective, semantic perspective, syntactic perspective.

Information systems exist in the back office. (We are Information beneficiary-front office)

It is the website that distinguishes the front office(services) from the back office (technical solution).

We need integrated study. (Pythagorean theorem can measure distance.)

To solve information in your own way = Creation.

We should be able to create a web page that your company requires.

Use to empty your brain and creat ideas.

**6주차(2) 4월13일**

The service is shown on the website screen. Information, Technical solutions exist behind computer.

Interaction occurs in the middle of a website.

Interaction can work simultaneously with citizens, businesses, and government agencies.

The public information system did not follow the trend of 'e' (electronicization), but existed when human beings existed socially. ex) Traffic Light

Like other information systems, public information systems have become even more powerful by the advent of computers.

The presence of computers, improves the positive potential of the data.

Citizen-citizen relations interact and cooperate.

Informatization is growing more and more in our lives.

Businesses are supported by information and services, and perform their duties.

Government-government relations cooperate for more complete service and business.

The 'e' trend has become broadfield.

Some information systems will serve to concreat tasks in a broader sens.

Information systems and tools are to assist more effectively to support each other's communities

**7주차(1) 4월18일**

Student's Conditions-Health, sustainability.

The organization of industrial society is pyramid structure, and the organization of the information society is a reduced form of the midle process.

As society develops, the number of jobs increases.

There are two types of jobs in the information society. (from office-service/back ground-make information ex) web design, CIS)

The fatal weakness of students is physical strength.

The industrial society is more efficient than the agricultural society. so first industrialized countries become advanced countries.

Comprehensive services are needed, government services is not to help small and specific citizens.

Take an example for clear sentences. (Especially English)

Information society includes information use, creation, and reuse.

Data is available and producible as PIS in several categories.

If you understand the flow of logic, you will come up with your own theory. (Create, Individuality)

Operative data are data that are necessary in an absolute sense for the processing and completion of a particular task. (ex- In an e-commerce transaction, you must provide information about the address and the order.)

Operative date has no room for data need, no matter how it is provided.

We need data on necessary sanctions and regulations.

**7주차(2) 4월20일**

Public information systems distinguish themselves from other information systems.
Public information systems have various beneficiary groups, so there a types of vary services .
Many public information systems will fit well with public goods.(It does not have to be a public good.)
Pis are associated with collective investment.
The pis has the data of the express secret.
Pis have different interests from organization to organization, so the same analysis can appear to different results.
The pis that is supported for the citizen or the company should communicate seamlessly with other information systems in the organization.
Pis should be continuously updated and used properly.
Pis is information system that delivers services to the general public.
Pis is an information system that empowers citizens.
Pis includes making, preserving and analyzing data.
Pis has a wide range of topics.
Korea is a country with a small gap between rich and poor, but it is not fair.
Public information systems should be used in decision-making systems
Pis includes various scientific fields such as psychological, social, political, economic medicine, philosophy.

**9주차(1) 5월2일**

We need tools to create. (You must have a driver's license before you can drive)

We need convergence education.

Geography deals with where it is, why it is there, why do i care.

The size of the data in Geography includes not only the world but also the universe.

Using GIS can convert the data to information and knowledge.

GIS is a system for obtaining information by analyzing data.

For a human machine system, you should combine CAD, GIS, WEB DESIGN, STATICS, and VIRTUAL ROTY with yourself.

People are the core of GIS.

More than 80% of all of the data is based on the location.

It is GIS that visualizes and analyzes spatial data.

GIS makes it very easy to interpret. (百聞不如一見)

There are two ways to express GIS: Raster and Vector.

In the end, GIS is creates space in front of the computer.

Wherever spatial data is needed, a GIS is needed.

Data must be processed to produce information. (There is no meaning in the data itself.)

Vector way: point, line, polygon / Raster way: pixel, grid, symbol

**11주차(1) 5월16일**

1. Fourth industrial society - a society in which all things are equipped with intelligence
2. Humans can not always adopt good things.
3. Computer files are easily updateable.
4. Information should be constantly innovated and updated on a daily basis.
5. Information society is impossible to ride together.
6. There is a growing interest in creation.
7. 3T of economic development: Technology, Talent, Tolerance
8. To develop with Grand vision.
9. We require computer skills and creativity.
10. Information is not bound by the laws of supply and demand of the economy.
11. If you develop your imagination and discover your ideas, you will become a country‘s competitiveness.
12. Information is ambiguous in the distinction between producers and consumers.
13. The quality of information depends on the information producer.
14. Information does not go away when you use it.
15. The information society changed from a vertical structure to a horizontal structure.
16. Information has a temporal dimension.
17. The creative city continues to grow and develop.
18. The future development of our society is endless.

**12주차(1) 5월23일**

1. Jobs in the information society are much higher than those in the industrial society
2. Big data did not show up because computer capability could not handle large amount of information
3. Big Data presents solutions for the medical, environmental, food and energy challenges to facing humanity. (Ex: about fine dust coming from China)
4. Due to the depletion of oil, the arrival of information society is inevitable.
5. Changes in the information society are invisible.
6. Big data brings economic effect by industry sector.
7. Examples of using Big Data - Smart car, App taxi, Smart policing, Real estate of Google, Apple
8. Medicine big data or life big data is the largest, most complex but most valuable data.
9. The DT era will be within the next 30 years.
10. Data governance is a management system for the data that is held in the computerized dimension.
11. It is important to place the necessary data in the right place.
12. Characteristics of future society: uncertainty, risk, smart
13. To be sustainable big data, data governance should be built up with utilization of big data.
14. In the era of Big Data, machines are fully constructed in human machine systems.
15. Analyze large, complex data through structuring and simplification.
16. Data scientists find a variety of data sources to create the data.
17. Data scientists are promising the best job in the future.
18. Data scientists must have both IT skills and field work knowledge.
19. Big Data will respond to risks in the future society and increase competitiveness.

**12주차(2) 5월25일**

1. The development of information and communication technology causes structural changes in various aspects of society.
2. The development of information and communication technology causes diversification and complication of citizen needs in the public sector.
3. Meaning of ubiquitous: Possible anytime and anywhere (divine development in terms of technology).
4. Ubiquitous Government: Providing public services for citizens without limitation of time and space.
5. After the advent of e-government, it was able to effectively provide services that were not available in the industrial society.
6. Reduced role of middle manager in information society.
7. As society develops, there will be more jobs. (it is necessary to create efficient jobs instead of sharing existing ones)
8. E-government can change social structures not just discription solutions.
9. Social structure change: from pyramid to hourglass
10. See everything self-centered.
11. Ubiquitous society: There is no distinction between virtual space and current space.
12. digital convergence: Information integration, network integration, device integration.
13. A computer is a machine made to complement the human brain.
14. but how about removing the brain and putting it in a thing?
15. Ultimate Goal of ubiquitous government: Providing appropriate service anytime, anywhere.
16. GIS database should be built in order to provide appropriate services for citizens (location data and statistical data should be merged)
17. Ubiquitous government should be applied not only to collecting taxes but also to all parts.
18. The information society is expected to further reduce the budget.
19. Now the technology is developed, so the future can be seen.
20. Information society is the era when we can do everything without restrictions in our actions.

**13주차(1) 5월30일**

1. Study and work should be smarter than zestfully.
2. Education in the smart era should be intelligent and appropriate for each person.
3. Education should self-directed, fun, fit for oneself, rich in resources and teaching materials.
4. We should seek Creation-oriented study.
5. A descriptive and qualitative assessment of the student‘s abilities rather than a score-based assessment should be made.
6. Students must have personality. (all useful and precious)
7. No company needs limited knowledge.
8. Need a variety of creative knowledge.
9. We need education with appropriate to each students level (not average of the students).
10. It is important to develop. (Who does better and does not matter)
11. Smart education requires virtual space and teachers‘ ability is important.
12. For smart education, the system must be changed. (Online teaching and evaluation, development of digital textbooks, education of nature friendly systems)
13. The following training is necessary: Web design, GIS, CAD, Big data, IOT
14. All students should be able to learn digital textbooks.
15. Paper textbooks have limitations on new information.
16. Information society education is full of trees, but industrial social education has to cut trees.
17. It is a sin to not do informatization. (constant pollution, destruction of natural ecosystems)
18. Strengthening the teacher‘s skills for smart education.(especially in application areas)
19. Paper textbooks have difficulty changing the curriculum in a rapidly changing educational environment.
20. Teachers must have the ability to make digital textbooks.
21. Digital textbooks can be viewed regardless of time and space, can integrate all contents, can provide various information such as music and video.

**13주차(2) 6월1일**

1. The Core of the Fourth Industrial Revolution - Big Data
  The Core of Smart Revolution - Artificial Intelligence
2. The Smart Revolution is a change in the process of progress toward an open network society.
3. The smart society is making a two-way information distribution revolution.
4. Everything related to information is based on creativity.
5. Efficiency through creativity and innovation can only survive.
6. The Smart Revolution market leader is the consumer. (not a supplier)
7. The Smart Revolution has problems such as the tech stress of the old generation, the acceleration of individualism, and the leakage of privacy.
8. The Smart Revolution makes the public voluntarily and actively involved in social issues.
9. The Smart Revolution regard communication with the people as important.
10. Information equipment has a great influence on social change induction.
11. Technology advances promote the smart revolution and present the future direction.
12. We need evaluate combined with computer.
13. Choose one that suits you and keep in touch.
14. We must focus invest in smart related, growth related, and energy related industries.
15. The smart revolution realizes a human-centered ubiquitous environment (there are no time and space constraints)
16. We need to create a growth engine for smart and an industrial ecosystem compatible with open network society.
17. It should be prepared for the explosion of information circulation caused by the smartization of business management.
18. Establish an institutional basis to respond to smart society.
19. All developments were efforts to overcome the constraints of time and space. (ex: car)
20. Information society has no time and space constraints.
21. Do not do what parents and professors say, always create it.
22. Get ahead of the machine.

**15주차(1) 6월13일**

1. The first assignment is to have a healthy body and mind, and the second assignment is to become a student.
2. Triple exercise: Workers should work 3 times for salary, students must find 3 times of tuition
3. In addition to his major and English, he needs two or more abilities (Foreign language ability, computer ability, personality and leadership, domestic and foreign exchange service performance etc.) in his core field.
4. Based on the above three skills, it should be linked with employment.
5. Step-by-step IPAC strategy: 1 Grade-Investigation, 2 Grade-Personality, 3 Grade-Ability, 4 Grade-Creativity
6. Students are now staying at a happy university.
7. After graduation, you should become a happy department for life.
8. In the Department of Public Administration, it is advantageous to utilize big data among the computer ability.
9. A rapidly changing information society is hard to find your own.
10. Be sure to check the Korean Chamber of Commerce every day.
11. It is important to internalize knowledge and use it for employment.