

(SYLLABUS)

1.

| | | | | | |
|----------------------|-------------------------------|--------------|----------------------------|-------------------------|-----------------|
| (Course Title) | AI | (Instructor) | | | |
| (Year) | 2023 | (Semester) | 2 | (Course No.) | 2150077901 |
| (Class) | 01 | (Open to) | | (Course Classification) | |
| (Credit) | 3.0 | | 03 | | Pass/Fail |
| | | | | | |
| (Office) | 203 | (Telephone) | 02-829-8228 | (e-mail) | mju20@ssu.ac.kr |
| | | | | | |
| | (*) (ABEEK Classification) | | (*) (ABEEK Requirement) | | |
| | | | | | |
| | (Calculus) | | | | |
| (Course Description) | AI AI AI | | | | |

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| | | | | | 6 |
| AI | AI | | | | |
| AI | | SW | | | |
| AI | | AI | | | |

| | | |
|---------|----|----|
| 6 가 (%) | | |
| | | |
| 30 | 40 | 30 |

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| 가 | (100) | (100%) |
| | 100 | 5 |
| | 100 | 40 |
| | 100 | 15 |
| | 100 | 40 |

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| (Required Texts) | | * / |
| | () | * // /2023 |
| | PC가 . AI . | |
| | 가 . (Fail) . AI AI | |

2.

| (Week) | (Keyword) | (Description) | | (Texts) |
|--------|-----------|-------------------------------|-------|---------|
| 01 | | , | | 1 |
| 02 | AI : | (search) , | | 2 |
| 03 | AI : | (knowledge) , (rule) | | 3 |
| 04 | AI : | (machine learning) , | , , , | 4 |
| 05 | | , | , , , | 5 |
| 06 | | | , , , | 6 |
| 07 | | | , , , | 7 |
| 08 | | () | | 1~7 |
| 09 | | | , , , | 8 |
| 10 | | | , , , | 9 |
| 11 | | , RNN RNN(LSTM, GRU) , RNN | | 10 |
| 12 | | , RNN RNN | , , , | 11 |
| 13 | | (attention) , | | 12 |
| 14 | GAN | GAN , | | 13 |
| 15 | | () | | 8~13 |

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3. ()

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| | Open-ended problem | | |
| | Teamwork | | |
| | Communication skills | | |