

# OVERVIEW

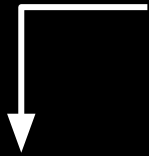
[BACK](#)

# course overview

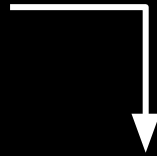
problem-solving



algorithms



information  
representation



information  
processing



communication

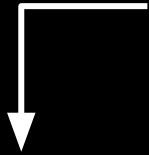


information  
sharing

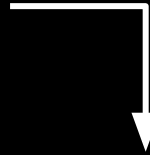
problem-solving



algorithms



information  
representation

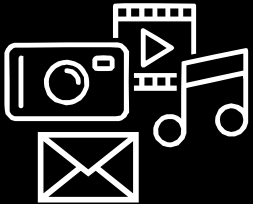


information  
processing

communication



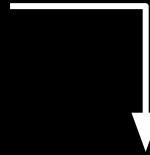
information  
sharing



problem-solving



algorithms



information  
representation

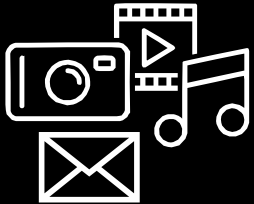
information  
processing

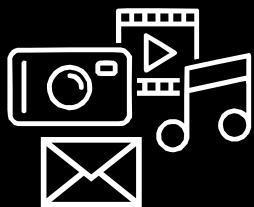
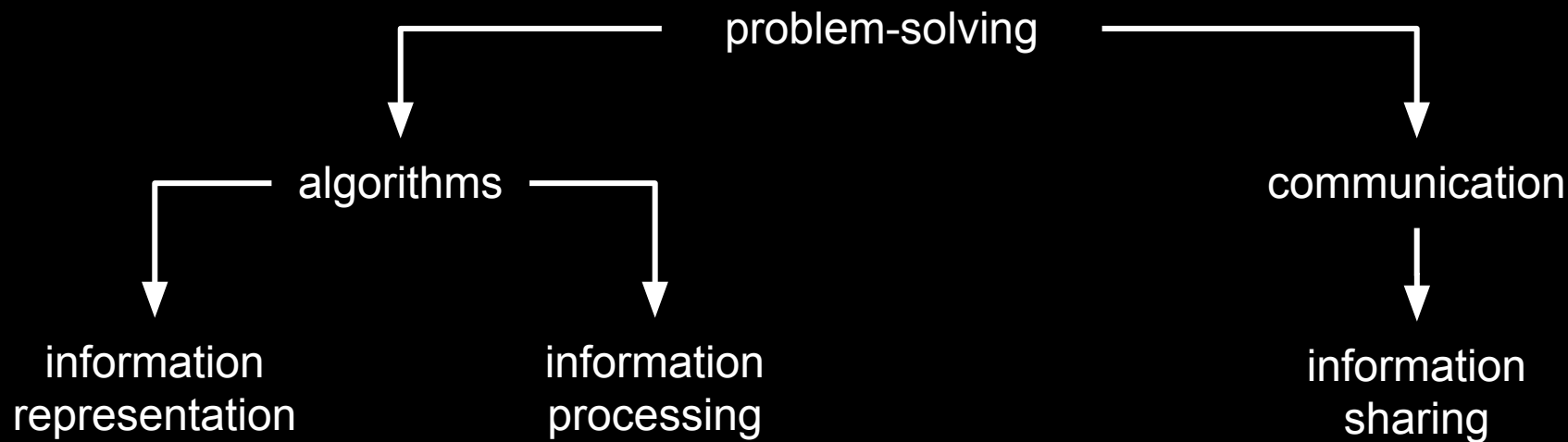


communication



information  
sharing





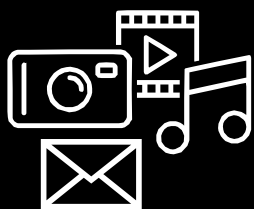
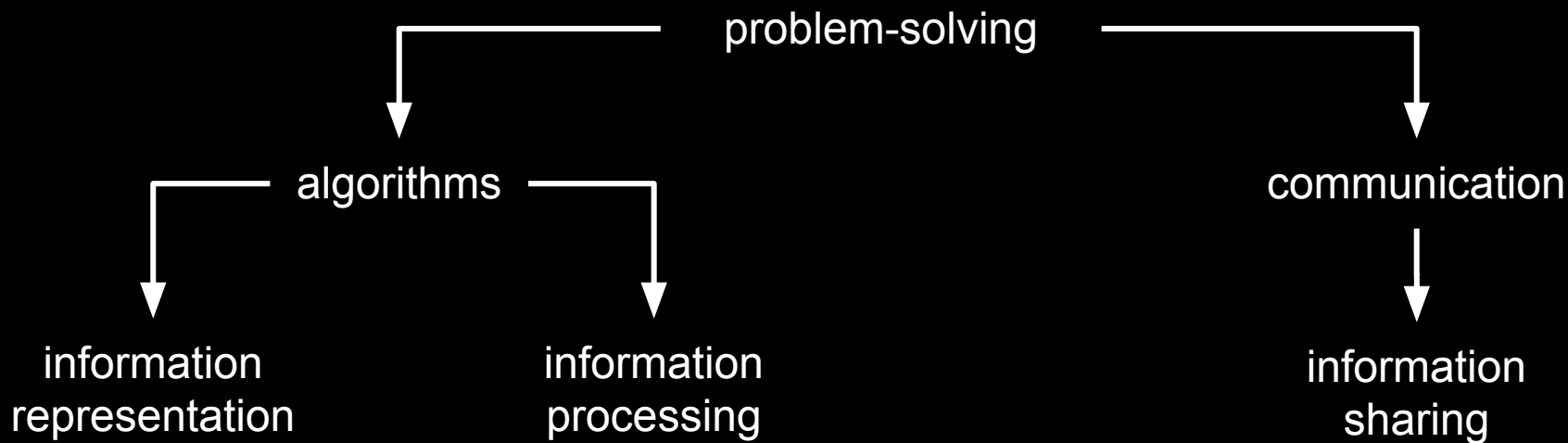
input



program



output



input



program



output



# cross-course overview



representation

representation

processing

```
graph LR; A[representation] --> B[processing]; B --> C[communication];
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representation

processing

communication

programming

representation

processing

communication

programming

representation

processing

communication

digital fundamentals

data analysis

programming

representation

processing

communication

digital fundamentals

data analysis

artificial  
intelligence

programming

representation

processing

communication

digital fundamentals

digital applications

data analysis

artificial  
intelligence

programming

representation

processing

communication

digital fundamentals



digital applications

data analysis

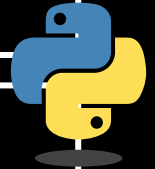
artificial  
intelligence

programming

representation

processing

communication



digital fundamentals

digital applications

data analysis

artificial  
intelligence

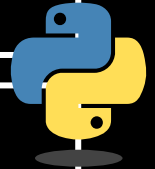


programming

representation

processing

communication



digital fundamentals

digital applications



data analysis

artificial  
intelligence

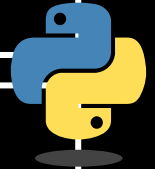


programming

representation

processing

communication



digital fundamentals