

# OVERVIEW

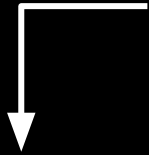
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# course overview

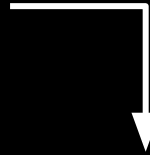
problem-solving



algorithms



information  
representation



information  
processing



communication

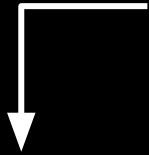


information  
sharing

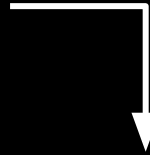
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information  
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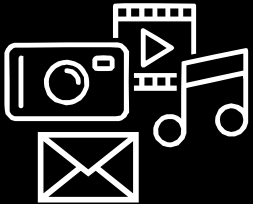


information  
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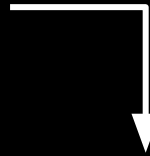
information  
sharing



problem-solving



algorithms



information  
representation

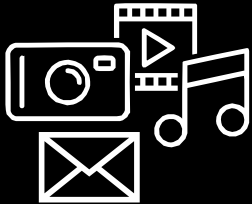
information  
processing

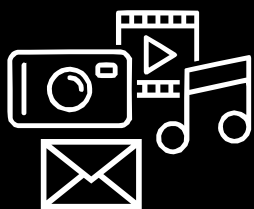
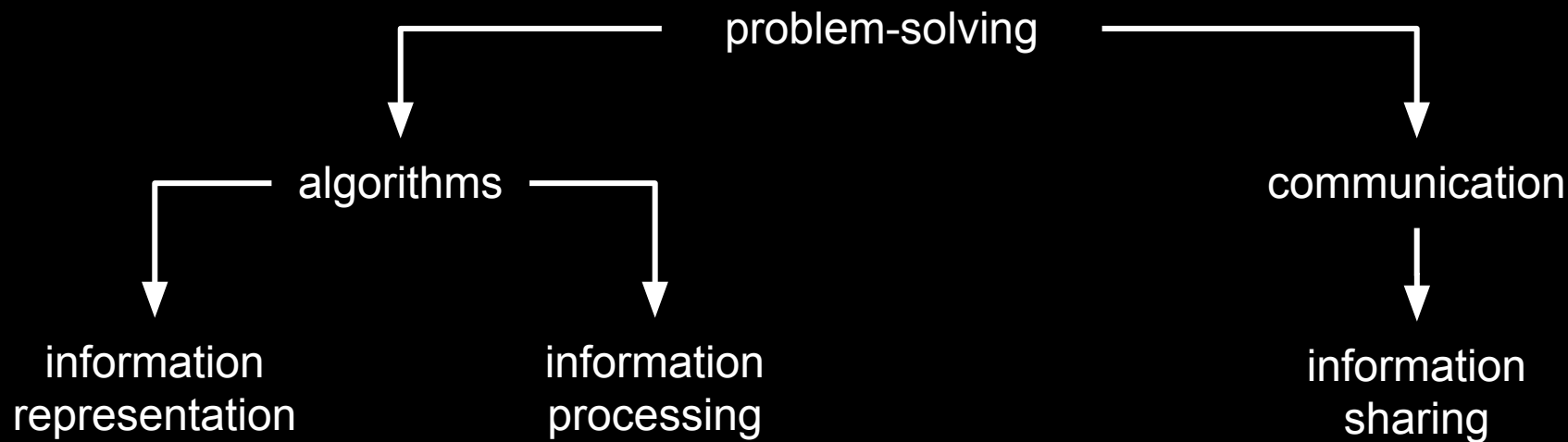


communication



information  
sharing





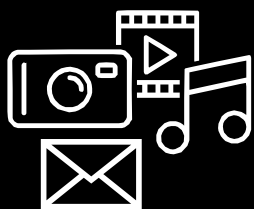
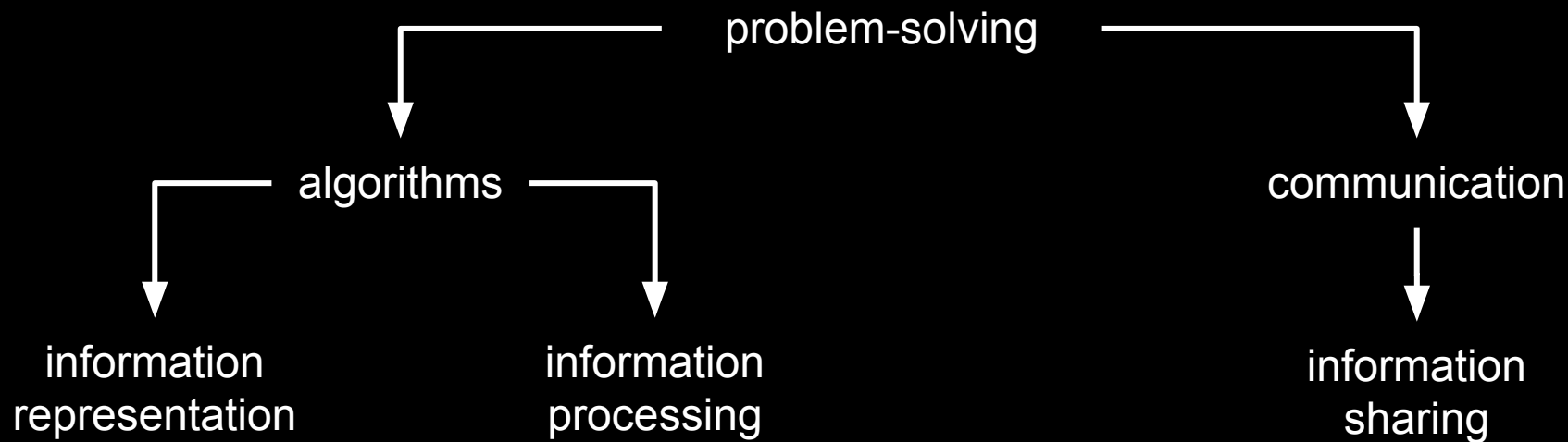
input



program



output



input



program



output



# cross-course overview



representation

representation

processing

representation

processing

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programming

representation

processing

communication

programming

representation

processing

communication

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data analysis

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digital fundamentals

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digital applications

data analysis

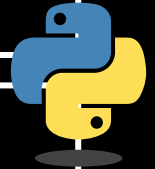
artificial  
intelligence

programming

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processing

communication



digital fundamentals

digital applications

data analysis

artificial  
intelligence

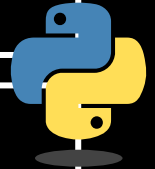


programming

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processing

communication



digital fundamentals

digital applications



data analysis

artificial  
intelligence

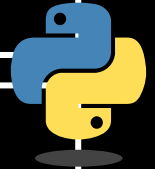


programming

representation

processing

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digital fundamentals