Penn CIS 5210 - Chapter 2

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This course investigates algorithms to implement resource-limited knowledge-based agents which sense and act in the world. Topics include, search, machine learning, probabilistic reasoning, natural language processing, knowledge representation and logic. After a brief introduction to the language, programming assignments will be in Python. — Description of CIS 4210/5210 in course catalog

1 Chapter Two: Intelligent Agents

1.1 2.1 - Agents and Environments

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Agent is anything that can be viewed as perceiving
its environment through sensors and acting upon the
environment through actuators.
Agent behavior is mapped through a Mathematical function
called agent functions.  Internally, we the agent function
is looks at as a agent program.
The example in the book they use is vaccuum world.
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