

# CE204 Object-Oriented Programming

## OO Design Principles & Design Patterns

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#### 0.1 CE204 Object-Oriented Programming

#### 0.2 Week-10 (OO Design Principles & Design Patterns)

0.2.0.1 Spring Semester, 2021-2022 Download DOC-PDF<sup>1</sup>, DOC-DOCX<sup>2</sup>, SLIDE<sup>3</sup>, PPTX<sup>4</sup>,

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#### 0.3 OO Design Principles & Design Patterns

##### 0.3.1 Outline

- Design Patterns <https://refactoring.guru/design-patterns/factory-method>

First Design Pattern <https://www.amazon.com/Pattern-Language-Buildings-Construction-Environmental/dp/0195019199>

Gof Book <https://www.amazon.com/gp/product/0201633612/>

<https://www.cisecurity.org/controls/cis-controls-list>

SOLID <https://www.monterail.com/blog/solid-principles-cheatsheet-printable> [https://www.monterail.com/hubfs/PDF%20ce204-week-10.en.md\\_slide.pdf](https://www.monterail.com/hubfs/PDF%20ce204-week-10.en.md_slide.pdf)

<https://www.freecodecamp.org/news/solid-principles-explained-in-plain-english/>

java - true - liskov substitution principle uncle bob <https://code-examples.net/en/q/a476f2>

<http://www.dotnet-stuff.com/tutorials/dependency-%C4%B1njection/understanding-and-implementing-inversion-of-control-container-ioc-container-using-csharp> <https://stackify.com/dependency-injection/>

<https://www.tutorialsteacher.com/ioc/inversion-of-control> [https://www.wikiwand.com/en/Dependency\\_injection](https://www.wikiwand.com/en/Dependency_injection)

<https://www.baeldung.com/inversion-control-and-dependency-injection-in-spring>

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<sup>1</sup>[ce204-week-10.en.md\\_doc.pdf](#)

<sup>2</sup>[ce204-week-10.en.md\\_word.docx](#)

<sup>3</sup>[ce204-week-10.en.md\\_slide.pdf](#)

<sup>4</sup>[ce204-week-10.en.md\\_slide.pptx](#)

## 0.4 References

TBD