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| TOOP19 | | Intro to Object Oriented Analysis, Design, & Programming |  |
| In class we will explore an overview of Object Oriented Analysis, Design, and Programming. | | | |
| References: | 1. *Learn OOAD* available at <https://www.tutorialspoint.com/object_oriented_analysis_design/ooad_tutorial.pdf> 2. *Object-Oriented Programming C++ Simplified* by Hari Mohan Pandey, Laxmi Publications © 2015 (available on Books 24x7) Chapters 0 and 1 3. Object Oriented Exercise Developed by 1/c Jacob Schellman | | |

BEFORE CLASS

Review the first two references to familiarize yourself with some of the basic ideas of Object-Oriented Analysis and Design (OOAD).

IN CLASS

*See Slides and Handouts*

**Additional Resources**

The following are a selection of freely available open-source textbooks that you may enjoy using in TOOP this semester:

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| Building Skills in Object-Oriented Design Release 3.1 by Steven F. Lott | <http://buildingskills.itmaybeahack.com/book/oodesign-3.1/latex/BuildingSkillsinObject-OrientedDesign.pdf> |
| Fundamentals of C++ Programming by Richard Halterman | <http://python.cs.southern.edu/cppbook/progcpp.pdf> |
| C++ Essentials by Sharam Hekmat | <http://www.pragsoft.com/books/CppEssentials.pdf> |
| yet another insignificant… programming notes of Chua Hock-Chuan | <https://www.ntu.edu.sg/home/ehchua/programming/index.html> |
| FreeComputerCooks.com | <http://freecomputerbooks.com/langCppBooks.html> |
| cplusplus.com C++ Language Tutorial | <http://www.cplusplus.com/doc/tutorial/> |