Tecnología de objetos

Fechas importantes

Fecha	**Actividad**	Porcentaje
Martes 28 Agosto	Feriado académico - Día de San Agustín	
25 y 26 Setiembre	Evaluación 01	10 %
30 y 31 Octubre	Evaluación 02	15 %
4 y 5 Diciembre	Evaluación Final	20 %

- 15 Semanas : 2 Notas y un trabajo final de curso.
- Consultas: Miércoles 11:00 a 12:30 (CITIC - 4to. Piso Lab. Sistemas).
- Horarios:

(A) Miércoles 14:00 a 15:40
(B) Martes 15:50 a 17:30
(C) Martes 17:40 a 19:20

Notas importantes

- No faltar a clases !!!
- PRACTICAR!!!.
- Realizar lo trabajos de laboratorio.
- Presentar un buen trabajo final.
- Procurar repasar constantemente.
- La **constancia** es su mejor técnica de estudio.
- Practicar, practicar, practicar.
- Preguntar es lo más sabio y fácil que pueden hacer.
- Hasta aquí el contenido es en castellano.

Course Material

- All material will be posted at TO Course Link
- You can access only with your institutional email.
- You have a latex template to make your works.
- Avoid plagiarism.

Course Content

- Week 01 → Introduction
- Week 02 → Encapsulation, Interfaces, Abstraction.
- Week 03 → Inheritance
- Week 04 → Coupling vs Cohesion
- Week 05 → Composition vs Inheritance
- Week 06 → Evaluation 01
- Week 07 → Solid Principles: SO
- Week 08 → Solid Principles: LI
- Week 09 → Solid Principles: D

Course Content

- Week 10 → Advanced Topics
- Week 11 → Evaluation 02
- Week 12 → Creational Patterns
- Week 13 → Structural Patterns
- Week 14 → Behavioral Patterns
- Week 15 → Final Work

Bibliography


G. Castagna, "Covariance and contravariance: conflict without a cause," *ACM Transactions on Programming Languages and Systems (TOPLAS)*, vol. 17, no. 3, pp. 431–447, 1995.


W. R. Cook, W. Hill, and P. S. Canning, "Inheritance is not subtyping," in *Proceedings of the 17th ACM SIGPLAN-SIGACT symposium on Principles of programming languages*, pp. 125–135, ACM, 1989.


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Pearson Education, 1994.


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Prentice hall New York, 1988.


M. J. Parkinson and G. M. Bierman, "Separation logic, abstraction and inheritance," in *ACM SIGPLAN Notices*, vol. 43, pp. 75–86, ACM, 2008.


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