

## Unit 7: Introduction to Operating Systems

### Required Reading

Saltzer, J. & Schroeder, M. (1975) The Protection of Information in Computer Systems. *Proceedings of the IEEE* 63(9): 1278-1308.

Szabo, G. (2018) Create your own interactive shell with cmd in Python.

Praka, D. (2018) Write a shell in Python.

Arnaut, W., Oliveira, K. & Lima, F. (2010) OWL-SOA: A Service Oriented Architecture Ontology Useful during Development Time and Independent from Implementation Time, IEEE.

### Additional Reading

We strongly recommend you read the following chapters from:

Silberschatz, A., Galvin, P. & Gagne, G. (2018) *Operating System Concepts*. 10th ed. Hoboken, N.J: Wiley.

- Chapters 2-8, 16, 18 and 19

Garfinkel, S., Weise, D. & Strassmann, S., (1994) *The Unix-Haters Handbook*. 1st ed. San Mateo, Ca.: IDG Books Worldwide.

Corbato F. & Vyssotsky V. (1965) Introduction and Overview of the Multics System. *Proceedings of the Joint Computer Conference*, ACM 1:185– 196.