PCS3818 – Engenharia de Sistema de Computação - 2023

Estrutura da Aula 2: Engenharia de Sistema

Parte I

1. Conceitos:

Referência de SEBok, v 2.7, Parte 3 Engenharia de Sistemas e Gerenciamento

INCOSE. 2015. Systems Engineering Handbook - A Guide for System Life Cycle Processes and Activities, version 4.0. Hoboken, NJ, USA: John Wiley and Sons, Inc, ISBN: 978-1-118-99940-0.

[Introduction to Systems Engineering](https://sebokwiki.org/wiki/Introduction_to_Systems_Engineering)

2. Ciclo de vida de sistema:

Referência de SEBok, v 2.7, Parte 3 Engenharia de Sistemas e Gerenciamento

INCOSE. 2015. Systems Engineering Handbook - A Guide for System Life Cycle Processes and Activities, version 4.0. Hoboken, NJ, USA: John Wiley and Sons, Inc, ISBN: 978-1-118-99940-0.

[Life Cycle Models](https://sebokwiki.org/wiki/Life_Cycle_Models)

[Generic Life Cycle Model](https://sebokwiki.org/wiki/Generic_Life_Cycle_Model)

Parte II

Realização da atividade descrita no arquivo “atividade aula 2 19-01-2023.docx” a ser fornecido no dia de aula.

Bibliografia

[1] KOSSIAKOFF, A.; SWEET, W.N.; SEYMOUR, S.J.; BIEMER, S.M. **Systems Engineering Principles and Practice**. Hoboken: John Willey & Sons, 2011, 2a Edição. 531 p.

[2] INCOSE, IEEE Systems Council, Stevens Institute of Technology **Guide to the System Engineering Body of Knowledge** (SEBoK), v 2.7, 31-10-2022.

[https://sebokwiki.org/wiki/Guide\_to\_the\_Systems\_Engineering\_Body\_of\_Knowledge\_(SEBoK)](https://sebokwiki.org/wiki/Guide_to_the_Systems_Engineering_Body_of_Knowledge_%28SEBoK%29)