

CHAPTER 1

INTRODUCTION TO SOFTWARE ENGINEERING

Objectives

- Software engineering (SE), its scope and content
- What is good software and what are the types of software
- Quality software production through knowledge of domain application
- The issues software engineering resolves
- Software engineering methodology
- Systems engineering and Development Engineering
- Approaches to Analysis and Design, SSAD & OOSAD
- Development Process Models and their application in different environments
- Analysis of Development Process Models
- Importance and use of Fourth Generation Techniques (4GT)