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| Software Engineering | | |
| **SOURCE: 01** | **Software Engineering (GATE EXAM)** |
| 01 | [Software Engineering Syllabus Discussion](https://www.youtube.com/watch?v=uJpQlyT_CK4&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=1&pp=iAQB) |
| 02 | [What is Software Engineering and Its Evolution with Examples](https://www.youtube.com/watch?v=kcvEiMFOcoE&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=2&pp=iAQB) |
| 03 | [SDLC Life Cycle for Beginners with Real Life Example](https://www.youtube.com/watch?v=kSU2MPeptpM&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=3&pp=iAQB) |
| 04 | [Classic Waterfall Model](https://www.youtube.com/watch?v=noE3pnRzQGI&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=4&pp=iAQB) |
| 05 | [Iterative Waterfall Model with Example](https://www.youtube.com/watch?v=vl-IWe0DkwU&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=5&pp=iAQB) |
| 06 | [V Shaped Model with Examples (SDLC)](https://www.youtube.com/watch?v=algSKfQ03Sk&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=6&pp=iAQB) |
| 07 | [Prototyping Model](https://www.youtube.com/watch?v=nNzH2rlEH6A&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=7&pp=iAQB) |
| 08 | [Incremental Model](https://www.youtube.com/watch?v=yd6uxnBIIQg&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=8&pp=iAQB) |
| 09 | [Evolutionary Model with Real Life Examples](https://www.youtube.com/watch?v=SzRs2y1TcSY&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=9&pp=iAQB) |
| 10 | [Spiral Model (SDLC)](https://www.youtube.com/watch?v=y2CnstDLhXM&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=10&pp=iAQB) |
| 11 | [Agile in Software Engineering](https://www.youtube.com/watch?v=Xs6E-MAJbfE&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=11&pp=iAQB) |
| 12 | [SCRUM Model in Software Engineering | Agile Technology](https://www.youtube.com/watch?v=xef_bCjoRCk&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=12&pp=iAQB) |
| 13 | [Comparison of All SDLC Models | Waterfall, Iterative, Prototype, Spiral, RAD, Agile](https://www.youtube.com/watch?v=ASrMUd0p9fE&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=13&pp=iAQB) |
| 14 | [Software Requirements Engineering | Feasibility Study | Elicitation, SRS, Validation](https://www.youtube.com/watch?v=JNLRXczA9Y0&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=14&pp=iAQB) |
| 15 | [Functional vs Non-Functional Requirements](https://www.youtube.com/watch?v=IBqO6aUkJSE&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=15&pp=iAQB) |
| 16 | [Software Requirements Specification (SRS)](https://www.youtube.com/watch?v=83-S5Qu6VP8&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=16&pp=iAQB) |
| 17 | [User Requirements with Real Life Examples | User Requirement Specification](https://www.youtube.com/watch?v=a2fpi0rbr0c&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=17&pp=iAQB) |
| 18 | [What is DFD | How to Design DFD Symbols Examples Full Explanation](https://www.youtube.com/watch?v=KN-inGJG540&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=18&pp=iAQB) |
| 19 | [Levels of DFD | 0-Level | 1-Level | 2-Level with Example](https://www.youtube.com/watch?v=qtTWBs49BCA&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=19&pp=iAQB) |
| 20 | [Logical vs Physical DFD with Example](https://www.youtube.com/watch?v=IQFfMb2T2PY&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=20&pp=iAQB) |
| 21 | [Function Oriented vs Object Oriented Design Approach | Software Design Approaches](https://www.youtube.com/watch?v=bTv3qCtSR5c&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=21&pp=iAQB) |
| 22 | [Software Project Management (SPM) with Real Live Examples](https://www.youtube.com/watch?v=b6mcMkQONic&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=22&pp=iAQB) |
| 23 | [Risk Identification | Reactive vs Proactive Risk Management | Type of Risk with Real Life](https://www.youtube.com/watch?v=4SWEX4L2dOc&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=23&pp=iAQB) |
| 24 | [Risk Assessment with Examples | Risk Management](https://www.youtube.com/watch?v=9GthPTi1Nqc&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=24&pp=iAQB) |
| 25 | [Risk Control vs Risk Mitigation with Examples](https://www.youtube.com/watch?v=cOmovzsLIo0&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=25&pp=iAQB) |
| 26 | [Basic COCOMO and Intermediate COCOMO with Numerical](https://www.youtube.com/watch?v=lr0vA_p6T7Q&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=26&pp=iAQB) |
| 27 | [Critical Path Method (CPM) in Software Engineering](https://www.youtube.com/watch?v=Us5YtgvfomQ&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=27&pp=iAQB) |
| 28 | [Verification vs Validation in Software Engineering](https://www.youtube.com/watch?v=fxXZf4zDjGQ&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=28&pp=iAQB) |
| 29 | [Types of Testing in Software Engineering | Levels of Testing](https://www.youtube.com/watch?v=T0TynxN77oY&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=29&pp=iAQB) |
| 30 | [Error Sending in Software Testing | with Numerical Explanation](https://www.youtube.com/watch?v=lyEAdt8BPM8&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=30&pp=iAQB) |
| 31 | [MCQs on Software Engineering](https://www.youtube.com/watch?v=xfjkq0WpRcQ&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=31&pp=iAQB) |
| 32 | [Question on Cyclomatic Complexity](https://www.youtube.com/watch?v=cEGh6YK_XCs&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=32&pp=iAQB) |
| 33 | [Cohesion and Coupling in Software Engineering](https://www.youtube.com/watch?v=NweTzHYBgYU&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=33&pp=iAQB) |
| 34 | [Unit Testing with Examples](https://www.youtube.com/watch?v=9gu4BsqjQrA&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=34&pp=iAQB) |
| 35 | [Integration Testing with Examples](https://www.youtube.com/watch?v=p8vrpGMR3g4&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=35&pp=iAQB) |
| 36 | [System Testing with Examples](https://www.youtube.com/watch?v=AloUqnD7aPs&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=36&pp=iAQB) |
| 37 | [Types of System Testing](https://www.youtube.com/watch?v=NY7k2qoe4OY&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=37&pp=iAQB) |
| 38 | [White Box Testing with Example](https://www.youtube.com/watch?v=IOrAlTY639U&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=38&pp=iAQB) |
| 39 | [White Box vs Black Box Testing](https://www.youtube.com/watch?v=89VOHd8F8Ao&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=39&pp=iAQB) |
| 40 | [Statement Coverage Technique White Box Testing](https://www.youtube.com/watch?v=BKsGb4sAsxo&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=40&pp=iAQB) |
| 41 | [Condition Coverage in White Box Testing](https://www.youtube.com/watch?v=WTOH1PfxA5M&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=41&pp=iAQB) |
| 42 | [Data Flow Testing Technique in White Box Testing](https://www.youtube.com/watch?v=kRVXMVAH5H8&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=42&pp=iAQB) |
| 43 | [Boundary Value Testing | Black Box Testing](https://www.youtube.com/watch?v=l239yuyq9xQ&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=43&pp=iAQB) |
| 44 | [Perfective, Preventive, Adaptive, Corrective Maintenance in Software Engineering](https://www.youtube.com/watch?v=nulFv99VBGs&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=44&pp=iAQB) |
| 45 | [MTBF vs MTTR | Mean Time Between Failure | Mean Time To Repair](https://www.youtube.com/watch?v=Gp9DhFWGgJQ&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=45&pp=iAQB) |
| 46 | [Reverse Engineering with Real Life Example](https://www.youtube.com/watch?v=eh88vW60-I4&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=46&pp=iAQB) |
| 47 | [Case Tools in Software Engineering](https://www.youtube.com/watch?v=MZk2KQgptts&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=47&pp=iAQB) |
| 48 | [Performance Testing with Real Life Examples](https://www.youtube.com/watch?v=8SYFrCe4uAI&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=48&pp=iAQB) |
| 49 | [Regression Testing with Real Live Examples](https://www.youtube.com/watch?v=5496sXljdnQ&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=49&pp=iAQB) |
| 50 | [Introduction to UML with Examples](https://www.youtube.com/watch?v=3qKKcUZqfQk&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=50&pp=iAQB) |
| 51 | [Use Case Diagram in UML](https://www.youtube.com/watch?v=Hj6Lkoi_VoM&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=51&pp=iAQB) |
| 52 | [Sequence Diagram in UML](https://www.youtube.com/watch?v=VnRQ5CNC4Fs&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=52&pp=iAQB) |
| 53 | [Activity Diagram in UML](https://www.youtube.com/watch?v=LyhTDsjjjrE&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=53&pp=iAQB) |
| 54 | [Class Diagram in UML | Banking System with Real Life Example](https://www.youtube.com/watch?v=HuL9EMx8NQo&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=54&pp=iAQB) |
| 55 | [Class Diagram in UML | Class vs Object UML Diagram with Real Life Example](https://www.youtube.com/watch?v=3SHCM114zI8&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=55&pp=iAQB) |
| 56 | [Object Diagram in UL | Class vs Object UML Diagram with Real Life Example](https://www.youtube.com/watch?v=VIPhgTc5Ss0&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=56&pp=iAQB) |
| 57 | [RAD Model](https://www.youtube.com/watch?v=sXNGEnZ7Wy4&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=57&pp=iAQB) |
| 58 | [RAD Model in Software Engineering](https://www.youtube.com/watch?v=MvyVR5soJjI&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=58&pp=iAQB) |
| 59 | [Function Point (FP) vs Line of Code (LOC) | Project Size Estimation](https://www.youtube.com/watch?v=UBIe1kTIJDY&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=59&pp=iAQB) |
| 60 | [Function Point Analysis (FPA) | Function Point with Real Life Example](https://www.youtube.com/watch?v=7xBcVtjmGwM&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=60&pp=iAQB) |
| 61 | [Function Point Calculation | How Project Estivation in Done Using FP](https://www.youtube.com/watch?v=bKwvzXQKBRo&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=61&pp=iAQB) |
| 62 | [Aggregation vs Composition in UML with Examples](https://www.youtube.com/watch?v=8Nkat4_lDik&list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2&index=62&pp=iAQB) |
| **SOURCE: 02** | **Software Engineering (SE | SEPM)** |
| 01 | [Introduction to Software Engineering | Nature of Software](https://www.youtube.com/watch?v=IHx9ImEMuzQ&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=1&pp=iAQB) |
| 02 | [Generic Process Model | Process Framework Activities with Examples](https://www.youtube.com/watch?v=NDZ0r-__rS4&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=2&pp=iAQB) |
| 03 | [SDLC with Real Life Example](https://www.youtube.com/watch?v=v5K9yzHCZx4&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=3&pp=iAQB) |
| 04 | [Waterfall Model Complete Explanation](https://www.youtube.com/watch?v=0q9jBPhI-fA&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=4&pp=iAQB) |
| 05 | [Iterative Development Model Complete Explanation](https://www.youtube.com/watch?v=dEgU7zw7dJ0&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=5&pp=iAQB) |
| 06 | [Incremental Process Model Complete Explanation with Example](https://www.youtube.com/watch?v=M4ugSEs5sVo&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=6&pp=iAQB) |
| 07 | [Evolutionary Process Model Complete Explanation](https://www.youtube.com/watch?v=b_6h9hkBS4Q&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=7&pp=iAQB) |
| 08 | [Prototyping Model Complete Explanation with Example](https://www.youtube.com/watch?v=dpiClb7S9Jc&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=8&pp=iAQB) |
| 09 | [Spiral Model Complete Explanation with Example](https://www.youtube.com/watch?v=TLy72EoL-qA&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=9&pp=iAQB) |
| 10 | [Concurrent Model Complete Explanation](https://www.youtube.com/watch?v=YE8_jOE8FpQ&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=10&pp=iAQB) |
| 11 | [Agile Model Complete Explanation with Example](https://www.youtube.com/watch?v=xh4EGRKH4rk&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=11&pp=iAQB) |
| 12 | [All SDLC Models Revision](https://www.youtube.com/watch?v=ENa7ixeoqU0&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=12&pp=iAQB) |
| 13 | [Functional vs Non-Functional Requirements with Examples | Requirement Engineering](https://www.youtube.com/watch?v=E_v5hhetIrQ&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=13&pp=iAQB) |
| 14 | [Requirement Engineering | Establishing Ground Work | Users vs System Requirement](https://www.youtube.com/watch?v=lGcwyuhjgMI&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=14&pp=iAQB) |
| 15 | [Requirement Engineering Tasks](https://www.youtube.com/watch?v=VmGqtPui6Sc&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=15&pp=iAQB) |
| 16 | [Requirement Engineering Process | Elicitation| Specification | Validation | Management](https://www.youtube.com/watch?v=CN-qsm1f_aY&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=16&pp=iAQB) |
| 17 | [Requirement Engineering Specification (SRS) | Complete Explanation with Example](https://www.youtube.com/watch?v=klMyKL6luS8&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=17&pp=iAQB) |
| 18 | [KANO Model: Prioritizing Requirements with Examples](https://www.youtube.com/watch?v=qAlPJUYByNk&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=18&pp=iAQB) |
| 19 | [Requirement Models | Use Case | Activity | Class | Data Flow | State Diagram](https://www.youtube.com/watch?v=EhmHFtwFoQ0&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=19&pp=iAQB) |
| 20 | [Data Modeling Types and Techniques with Examples](https://www.youtube.com/watch?v=ZWAidhDypvQ&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=20&pp=iAQB) |
| 21 | [Software Design | Quality Guidelines and Attributes with Examples](https://www.youtube.com/watch?v=Em2VRh69isk&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=21&pp=iAQB) |
| 22 | [Software Design Concepts with Examples](https://www.youtube.com/watch?v=dce6oaUHdyM&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=22&pp=iAQB) |
| 23 | [Coupling and Cohesion with Examples](https://www.youtube.com/watch?v=vHdx0uMaO3E&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=23&pp=iAQB) |
| 24 | [User Interface Design Model Complete Cxplanation](https://www.youtube.com/watch?v=ewY-E7y8CYY&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=24&pp=iAQB) |
| 25 | [Architectural Design Model Complete Explanation](https://www.youtube.com/watch?v=3BaLG6KL5Ac&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=25&pp=iAQB) |
| 26 | [Component Level Design Complete Explanation with Example](https://www.youtube.com/watch?v=kaXAXeU5bVg&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=26&pp=iAQB) |
| 27 | [Project Planning | Process with Examples](https://www.youtube.com/watch?v=H6xT6bF4es0&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=27&pp=iAQB) |
| 28 | [Project Scope Management](https://www.youtube.com/watch?v=VlsobpC8GOY&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=28&pp=iAQB) |
| 29 | [Work Breakdown Structure (WBS) with Example](https://www.youtube.com/watch?v=-T6JhbbBI7I&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=29&pp=iAQB) |
| 30 | [Project Scheduling Process, Principles and Techniques with Example](https://www.youtube.com/watch?v=Vkvkn8mzYEU&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=30&pp=iAQB) |
| 31 | [Project Management Spectrum | 4P’s with Example](https://www.youtube.com/watch?v=f4uKk_gPOk4&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=31&pp=iAQB) |
| 32 | [W5HH Principle with Example | Boehm’s Principle](https://www.youtube.com/watch?v=bIhK2FXsET0&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=32&pp=iAQB) |
| 33 | [Software Measurements and Metrics | LOC | FP](https://www.youtube.com/watch?v=xLQL5q1JBTY&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=33&pp=iAQB) |
| 34 | [Software Project Estimation with Examples](https://www.youtube.com/watch?v=_hdPlc3kiTk&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=34&pp=iAQB) |
| 35 | [Decomposition Techniques in Project Estimation](https://www.youtube.com/watch?v=Z6AsRTNDoe8&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=35&pp=iAQB) |
| 36 | [Software Cost Estimation](https://www.youtube.com/watch?v=lZuhqpIHhW4&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=36&pp=iAQB) |
| 37 | [COCOMO Model with Solved Examples](https://www.youtube.com/watch?v=PfD4G4ZZAMA&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=37&pp=iAQB) |
| 38 | [Risk Management in Software Engineering](https://www.youtube.com/watch?v=FvfP2qLe16Q&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=38&pp=iAQB) |
| 39 | [RMMM Plan with Example | Risk Mitigation, Monitoring and Management Plan](https://www.youtube.com/watch?v=DBXoYGUzQN0&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=39&pp=iAQB) |
| 40 | [Software Configuration Management (SCM) | Process | Repository with Examples](https://www.youtube.com/watch?v=Z-pqT1phY5E&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=40&pp=iAQB) |
| 41 | [Introduction and Principles of Software Testing](https://www.youtube.com/watch?v=Y4ePqxtYBqI&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=41&pp=iAQB) |
| 42 | [White Box Testing Techniques with Examples](https://www.youtube.com/watch?v=F4whNOPpvZ4&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=42&pp=iAQB) |
| 43 | [Black Box Testing Techniques with Examples](https://www.youtube.com/watch?v=wrj-Mr_hSQ8&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=43&pp=iAQB) |
| 44 | [Black Box vs White Box Testing](https://www.youtube.com/watch?v=pwF9m6C8O7Q&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=44&pp=iAQB) |
| 45 | [Unit Testing with Examples](https://www.youtube.com/watch?v=fl8MSpK5dJg&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=45&pp=iAQB) |
| 46 | [Integration Testing with Examples](https://www.youtube.com/watch?v=gkUA-Ou4wV8&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=46&pp=iAQB) |
| 47 | [System Testing with Examples](https://www.youtube.com/watch?v=sMBEBVH2ERc&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=47&pp=iAQB) |
| 48 | [Acceptance Testing with Example | Alpha vs Beta Testing](https://www.youtube.com/watch?v=dfnAOdvUwUk&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=48&pp=iAQB) |
| 49 | [Verification vs Validation with Example](https://www.youtube.com/watch?v=5VFY7UzJYus&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=49&pp=iAQB) |
| 50 | [Defect / Bug Life Cycle Complete Explanation](https://www.youtube.com/watch?v=IntksBn9Sjk&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=50&pp=iAQB) |
| 51 | [Difference Between Software Testing and Debugging](https://www.youtube.com/watch?v=XWI5So6cyp8&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=51&pp=iAQB) |
| 52 | [Software Quality Dimensions | Metrics | Factors | Quality Management with Examples](https://www.youtube.com/watch?v=Lpp-DXSUMDU&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=52&pp=iAQB) |
| 53 | [Quality Assurance vs Quality Control](https://www.youtube.com/watch?v=mi_uQfdvzYo&list=PLQ-nEJNYlEV29CBLzIDxcogm6CEZjVad2&index=53&pp=iAQB) |
| **SOURCE: 03** | **Software Engineering (SE COURSES)** |
| 01 | [Introduction, Software Product, Process Activities and Ethics](https://www.youtube.com/watch?v=8jH07r6135o&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=1&pp=iAQB) |
| 02 | [Software Process, Activities, Rational Unified Process](https://www.youtube.com/watch?v=BBMEOagnBCU&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=2&pp=iAQB) |
| 03 | [Agile Software Development and Extreme Programming](https://www.youtube.com/watch?v=KogKKAgN5Ps&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=3&pp=iAQB) |
| 04 | [Requirements Engineering, Specification, Validation and Management](https://www.youtube.com/watch?v=5cAxXUfb-KY&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=4&pp=iAQB) |
| 05 | [System Modeling – Context, Interaction, Structural and Behavioral](https://www.youtube.com/watch?v=ULJP2sA-dV4&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=5&pp=iAQB) |
| 06 | [Architectural Design Decisions, Views, Patterns and Applications](https://www.youtube.com/watch?v=N9YJ5PUWHLE&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=6&pp=iAQB) |
| 07 | [Design and Implementation, Design Pattern and Open Source Coding](https://www.youtube.com/watch?v=KANuMlt03ug&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=7&pp=iAQB) |
| 08 | [Test-Driven Development and Release, User and Software Testing](https://www.youtube.com/watch?v=qD8RnroTGgQ&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=8&pp=iAQB) |
| 09 | [Software Evolution and Maintenance, Legacy System Management](https://www.youtube.com/watch?v=ahr9l4TEIk4&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=9&pp=iAQB) |
| 10 | [Sociotechnical System, Complex System and System Engineering](https://www.youtube.com/watch?v=FkBs_nUClTQ&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=10&pp=iAQB) |
| 11 | [Security and Dependability, Safety, Availability and Reliability](https://www.youtube.com/watch?v=naMaQgiZYBI&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=11&pp=iAQB) |
| 12 | [Dependability, Safety, Security and Reliability Specification](https://www.youtube.com/watch?v=jHOxpcINJZc&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=12&pp=iAQB) |
| 13 | [Dependability Engineering and Programming Redundancy and Diversity](https://www.youtube.com/watch?v=9AQi3R12nyk&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=13&pp=iAQB) |
| 14 | [Security Engineering, Management, Risk Assessment and Design](https://www.youtube.com/watch?v=eS1U8Qrgcg4&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=14&pp=iAQB) |
| 15 | [Solid Principles in C# - Interview Question and Design Pattern in .NET – Coding Example](https://www.youtube.com/watch?v=034zM9MQdkU&list=PL_pbwdIyffslgxMVyXhnHiSn_EWTvx1G-&index=15&pp=iAQB) |