Enterprise System Integration
(MTAT.03.229)

ESI CORE ASSIGNMENTS
AND EXAM OVERVIEW

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V-Model

Requirements analysis → Validation → Acceptance Testing

System design (Architecture) → Verification → System Testing

High/low level Design → Verification → Unit/Integration Testing

Implementation (Coding)
ES analysis, requirements and design

Enterprise system analysis, requirements and design

**Assignment #1**
- Scenario Definition
- Requirements Elicitation
- Development of a very simple architecture

**Assignment #2**
- Very simple system design - Preliminary mapping of domain model to "software model"

Validation

Acceptance Testing

Verification

System Testing

Verification

Unit/Integration Testing

Implementation (Coding)

V-Model
ES implementation & testing

Enterprise system analysis, requirements and design

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Very simple system design - Preliminary mapping of domain model to "software model"

Enterprise system Implementation & Testing

Front-end
Back-end
Database
ES implementation & testing

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Enterprise system Implementation & Testing

HTTP
POST
GET
PUT
DELETE

CRUD
Create
Read
Update
Delete

SQL
INSERT
SELECT
UPDATE
DELETE

Front-end
Back-end
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ES implementation & testing

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  - HTTP
  - POST
  - GET
  - PUT
  - DELETE

Back-end
  - CRUD
  - Create
  - Read
  - Update
  - Delete

Database
  - SQL
  - INSERT
  - SELECT
  - UPDATE
  - DELETE

PostgreSQL
Thank You
for your attention

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