

## Course Overview

### Anesthesia I

Course code :	AMT 306
Course title:	Anesthesia I
Level/semester:	<b>Third Semester</b>
Preceding Courses & Main Subjects	<b>- Biology - Human Anatomy &amp; Physiology</b>
Credit hours: 4	Theoretical: 3
	Practical: 2

### Course content

#### Preoperative assessment

- o Purposes
- o Medical history
- o Physical examination
- o investigations
- Risk assessment (ASA grading system)
- Premedication
- Purposes of premedication
- Commonly used drugs for premedication

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#### Inhalational anesthetic agents

##### Definition

- Types
- Triad and phases of GA
- Mechanism of action of GA agents
- Classification of inhalational anesthetics
- Properties of the ideal inhalational agent
  - o Uptake
  - o Distribution
  - o Metabolism and excretion
- Stages and signs of GA
- Gas potency and factors affecting MAC
- Minimal alveolar circulation

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#### Muscle relaxant

#### Analgesia drug