Learning outcomes for Histology and Embryology I + II (two semesters course, ending with a final exam)

Upon completion of the course, the learner will be able to:

- **Classify** the types of tissues, cells and components of intercellular matter in organs of the human body.
- **Define** and **use** in the correct context the terms necessary to describe the normal microscopic structure of the organs of the human body.
- **Identify** and systematically **describe** in histological slides the structures important for comparison and differentiation in histological slides of normal human organs, using both light microscopy and scanned virtual slides.
- **Draw** and **describe** simplified diagrams of microscopic preparations of human body organs. **Explain** the structures on the slide to a second observer (learner or teacher).
- **Identify** the organs of the human body from which the microscopic slides were taken.
- **Correlate** the microscopic structure of human organs with their function.
- **Describe** and **explain** fertilization, embryonic and fetal body formation, and prenatal organogenesis.
- **Explain** the anatomical structure and variability of the organs of the human body in terms of their prenatal development.
- **Discuss** on these topics with an emphasis on the application of this knowledge in contemporary medicine.
- **Solve** simplified problems based on knowledge and skills in histology and embryology within the range of recommended resources and learning outcomes detailed for each topic.