



TRAINING MODULES AGENDA

Virtual Instrumentation in Science Education

Duration: 24 hours
Individual Work: 16 hours

A. Structure

Training Modules Agenda

Tutor's Guide

Student's Guide

Initial On-line Evaluation (<http://vccsse.ssai.valahia.ro> – “Outcomes” section – *Assessment Tools* sub-section)

Unit 1. Virtual Instrumentation Overview (Seminar)

Unit 2. The Basics and Examples of Virtual Instrumentation in Education (Seminar)

Unit 3. Teaching Methodologies and Pedagogical Strategies Based on the Using of Virtual Instrumentation (Seminar)

Unit 4. Getting Familiar with VI Tools (Laboratory)

Unit 5. Basic Teaching and Learning Activities with VI Tools (Laboratory)

Unit 6. Designing Learning Activities which include VI Applications (Laboratory)

Final On-line Evaluation (<http://vccsse.ssai.valahia.ro> – “Outcomes” section – *Assessment Tools* sub-section)

B. References

1. VccSSe Project Web Page: <http://vccsse.ssai.valahia.ro>