

Analytical Chemistry YKA0055

ASSESSMENT METHODS	ASSESSMENT CRITERIA
Written test (on the bases of seminars)	<p>„37-40 points“ – demonstrated 91-100% of skills listed below: Can calculate experimental error, is familiar with chemical equilibrium, can solve problems associated with concentration determination. Can solve acid-base equilibrium and EDTA titration problems.</p> <p>„31-36 points“ – demonstrated 77-90% of skills listed above</p> <p>„26-30 points“ – demonstrated 65-76% of skills listed above</p> <p>“failed” - demonstrated below 65% of skills listed above</p> <p>“5 bonus points” - written test is passed excellently (91-100%) with the first attempt.</p>
Written exam part I (on the bases of lectures)	<p>„46-50points“ - demonstrated excellently (over 91% of all) following skills: Knows terms and concepts of analytical chemistry, including sample preparation, experimental error, chemical equilibrium, acid-base, EDTA and redox titrations.</p> <p>„41-45 points“ - demonstrated very well (81-90% of all) skills listed above.</p> <p>„36-40 points“ - demonstrated well (71-80% of all) skills listed above.</p> <p>„31-35 points“ – demonstrated sufficiently (61-70% of all) skills listed above.</p> <p>„26-30 points“ – demonstrated loosely (51-60% of all) skills listed above</p>
Written home test (on the bases of laboratory practice)	„0-3 points“ – completed measurement uncertainty calculation sheet (0-100%)
Written exam part II (on the bases of laboratory practice)	<p>„0-7 points“ – demonstrated (0-100%) skills on theoretical bases of laboratory practices</p> <p>“5 bonus points” – all practice results are given with deviation below 2% with first presentation.</p>
MINIMUM REQUIREMENTS FOR GRADING	Passing written test and exam part I and completion of all laboratory exercises.
OVERALL GRADE	<p>Sum of written test and written exam points. Written test gives 40% of overall grade. Written exam I and II give respectively 50% and 10 % of overall grade.</p> <p>Grade „1“ – sum of points 51-60 Grade „2“ – sum of points 61-70 Grade „3“ – sum of points 71-80 Grade „4“ – sum of points 81-90 Grade „5“ – sum of points over 91</p> <p>Bonus points are added to the final sum of points only in case when written test and exam result are over 26 points.</p>