

Information sheet for the course Continuous Laboratory Practice I.

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| University: <i>Alexander Dubček University of Trenčín</i> | |
| Faculty: <i>Faculty of Health Care</i> | |
| Course unit code: <i>SuvPx1/e</i> | Course unit title: <i>Continuous Laboratory Practice I.</i> |
| Type of course unit: <i>compulsory</i> | |
| Planned types, learning activities and teaching methods: <i>Practice: 120 hours per semester of study; full-time</i> | |
| Number of credits: <i>4</i> | |
| Recommended semester: <i>7th semester in the 4th year (part-time)</i> | |
| Degree of study: <i>I (bachelor)</i> | |
| Course prerequisites: <i>none</i> | |
| Assessment methods: <i>A student obtains credits after completion of the prescribed number of hours given to specialized work during laboratory practice. The practical tasks given to students by co-operating external mentors from the partner laboratory workplace, must be managed. A student can obtain maximum of 40 points. For active participation a student obtains maximum of 10 points. All together 50 points for the course.</i> <i>To obtain A, a student must score at least 45 points, to obtain B, a student must score at least 40 points, to obtain C, a student must obtain at least 35 points, to obtain D, a student must obtain at least 30 points, and finally to obtain E, a students must to obtain at least 25 points.</i> | |
| Learning outcomes of the course unit: <i>Deepen the manual and analytical skills of students needed in routine laboratory and medicine diagnostics, mainly in the field of clinical biochemistry and microbiology under the supervision of an external mentor / teacher.</i> | |
| Course contents: <ol style="list-style-type: none"> <i>1. Understanding the basic structure of the laboratory and its position and role within the health facility</i> <i>2. Getting to know the internal regulations of the laboratory and standard operating procedures</i> <i>3. Principle of work organization on the individual laboratory sections</i> <i>4. Distribution of biological material and their specifics</i> <i>5. The basic rules of biological material handling</i> <i>6. Receipt of biological material, centrifugation, aliquoting samples for each laboratory section</i> <i>7. Fundamentals of laboratory information system</i> <i>8. Rules for sample processing, sample track</i> <i>9. Rules of biological material archiving</i> <i>10. Rules of results validation and their distribution</i> <i>11. Algorithms of resolving disagreements</i> <i>12. Communication's rules of the laborants to clinical colaborants</i> | |

Recommended of required reading:

1. VOTAVA, M.: 2005. *Lékařská mikrobiologie obecná*, Neptun, Brno, 2005, ISBN 9788086850009, 351 p.
2. VOTAVA, M.: 2003. *Lékařská mikrobiologie speciální*, Neptun, Brno, 2003, ISBN 9788090289666, 945 p.
3. BUC, M.: 2012. *Základná a klinická imunológia*, Veda, Bratislava, 2012, ISBN 9788022412353, 831 p.
4. BUC, M., BUCOVÁ, M. 2006. *Základná a klinická imunológia*. Univerzita Komenského, Bratislava, 2006, ISBN 8022321516, 334 p.

Language: *Slovak***Remarks:****Evaluation history:***Number of evaluated students: 80*

| a | b | c | d | e | f |
|--------|-------|-------|-------|-------|-------|
| 91.25% | 0.00% | 0.00% | 0.00% | 0.00% | 8.75% |

Lectures:

RNDr. Vladimír Meluš, PhD., MPH, Ing. Jana Netriová, PhDr. Katarína Kašliková PhD., Bc. Jana Gavendová, Mgr. Lucia Dorová, doc. Jana Slobodníková, CSc.

Last modification: 22.4.2014**Supervisor:** *doc. MUDr. Jana Slobodníková, CSc.*