Metropolia University of Applied Sciences
Degree Programme in Biomedical
Laboratory Science
Myllypurontie 1

Opinion on eyesight studying biomedical laboratory science

The opinion is given by an optician, optometrist or ophthalmologist. In clinical laboratory work, normal resolution, colour vision and binocularity are required.

- Discrimination is defined as the combined visual acuity of both eyes, which must be far≥ 1.0 and near≥ 0.8 with current spectacles, with or without spectacle prescription.
- The vibrancy is assessed by a reliable and well-known test. The Ishihara test does not detect colour vision disorders other than red blur and therefore another test is recommended (e.g. H.R.R or Farnsworth D15 button test).
- Convergence near test and stereo vision test are used to assess the joint visual acuity of the eyes. The normal result for the convergence near test is <10 cm measured at eye level and for the repeat measurements (equal x 3)≤ 12 cm. For the Titmus (Stereofly, wirt circles), TNO and Randot stereo acoustic tests, the normal value is≤ 60".

Information for students starting their studies:

Surname _____ First names _____

Social ID _____

Visual acuity: without glasses right:_____ left:_____with lower eyes:_____

Eyeglass prescription: right eye:_____ visual acuity with correction =_____

left eye:_____ visual acuity with correction =_____

visual acuity in both eyes =_____

Close-up:_____ Close-up accuracy with both eyes=_____

ASSESSMENT OF DIFFERENCE: Visual acuity (circle the assessment): good or normal normal or poor

Shivering: Test used: _____

ASSESSMENT OF COLOUR: circle the assessment normal degraded

Convergence proximal point: 1st result: _____cm, 2nd result _____cm, 3rd result_____cm.

Stereo vision: test used:_____Result in angular seconds:_____

ASSESSMENT OF DIFFERENCE: Stereo vision (circle assessment): normal impaired

The subject is visually impaired for laboratory work (circle the assessment):

Suitable for not entirely suitable unsuitable

Comments on: _____

Place and time:_____

Signature of optometrist/optician/ophthalmologist:_____

Name clarification:_____