

Memo No. VV/9/492/05



**THE OPEN UNIVERSITY OF SRILANKA**

Regulation for the Award of  
**Advanced Certificate in Laboratory Technology**

**Regulation No: 17. NS. (2 - a)**

October 2022

**THE OPEN UNIVERSITY OF SRI LANKA**  
**REGULATION FOR THE AWARD OF**  
**THE ADVANCED CERTIFICATE IN LABORATORY TECHNOLOGY**

This Regulation was prepared under Section 136 of the Universities Act No. 16 of 1978 read in conjunction with The Open University Ordinance No. 1 of 1990 (as amended).

**Part I - General**

- 1.1. This Regulation shall be cited as the Regulation No. 17 NS.2-a of 2022) approved by the Council of The Open University of Sri Lanka at its 492<sup>nd</sup> meeting held on (21/10/2022) and shall be deemed to be the consolidated Regulation for the award of the Advanced Certificate in Laboratory Technology.
- 1.2. This Regulation for the Award of the Advanced Certificate in Laboratory Technology shall be made by the Senate and approved by the Council.
- 1.3. A student who has successfully completed the prescribed Programme of Study shall be awarded the Advanced Certificate in Laboratory Technology [AdvCer(LabTec)] in accordance with the General By-Law No. 1 for the Award of Certificates, Advanced Certificates, Diplomas, Higher Diplomas, Degrees, Postgraduate Diplomas, Post Graduate Degrees and Higher Degrees, By-Law No. 17 for the award of Advanced Certificates and this Regulation for the award of the Advanced Certificate in Laboratory Technology..
- 1.4. These Regulations shall come into effect from the academic year 2021/2022.

**Part II - Eligibility for Admission to the Programme of Study**

- 2.1. A person seeking admission to the Programme of Study leading to the award of the Advanced Certificate in Laboratory Technology shall be required to have.
  - 2.1.1. minimum of six (06) Passes including science, Mathematics and First Language, at the General Certificate of Education (Ordinary Level) Sri Lanka Examination, or,
  - 2.1.2. successfully completed a Certificate programme in SLQF level 1 qualification in a relevant field of study, or,
  - 2.1.3. successfully completed a NVQ level 3 qualification in a relevant field of study, or,
  - 2.1.4. an equivalent or higher qualification acceptable to the Senate of The Open University of Sri Lanka.

### **Part III – Admission to the Programme of Study and Registration for the Courses**

- 3.1. A person may register for courses in the Programme of Study subject to limits on the course credit ratings and any other conditions as laid down in the General By-Law No. 1, By-Law No. 17 and the conditions provided in Schedule 1 of this Regulation.
- 3.2. To be eligible to register for each Level of the Programme of Study, a person shall have satisfied the prerequisites for each Level and/or course(s) as specified in Schedule 1 of this Regulation.

### **Part IV - Programme of Study**

- 4.1. The combination of courses and the level and the credit rating of each course in the Programme of Study for the award of the Advanced Certificate in Laboratory Technology shall be as specified in Schedule 1 of this Regulation.
- 4.2. Registration for courses at any given level shall be in accordance with Schedule 1 of this Regulation.
- 4.3. The medium of instruction of the Programme of Study leading to the Advanced Certificate in Laboratory Technology - shall be English.

### **Part V - Scheme of Assessment**

- 5.1. The Overall Assessment Mark (Z%) of a student in respect of any course, shall be based on the Overall Continuous Assessment Mark (X%) and the mark obtained at the Final Examination (Y%) and shall be computed as follows:

If,

$$Y \geq 40, \text{ then } Z = 0.4 X + 0.6 Y$$

$$30 \leq Y < 40, \text{ then } Z = 0.4 X + 0.6 Y, \text{ subject to a maximum of } 40$$

$$Y \leq 30, \text{ then } Z = Y$$

- 5.2. Each student who sits for the Final Examination of a course shall be awarded a grade in respect of such course based on the Overall Assessment Mark (Z%), as specified in Schedule 2 of this Regulation and subject to Part V of the By-Law No. 17.

### **Part VI - Award of the Advanced Certificate in Laboratory Technology**

- 6.1 A candidate eligible for the Award of the Advanced Certificate in Laboratory Technology in accordance with this Regulation shall supplicate for same to the Deputy Registrar/ Senior Assistant Registrar/ Assistant Registrar of Examinations before the prescribed date on the prescribed form.
- 6.2 A candidate who satisfies the requirements for the award of the Advanced Certificate in Laboratory Technology shall be awarded such Advanced Certificate with Pass,

Merit or Distinction provided he/she satisfies the requirements specified in Sections 6.8, 6.9 and 6.10 respectively in this Regulation, within such period specified in Section 6.4 below of this Regulation.

- 6.3 A candidate shall be awarded the Advanced Certificate in Laboratory Technology, if he/she has successfully completed minimum of thirty (30) course credits as specified in Schedule 1 of this Regulation.
- 6.4 A candidate shall acquire the course credit requirements as specified in Sections 6.2 and 6.3 of this Regulation above within a minimum period of one (01) academic year and a maximum period of three (03) consecutive academic years from the date of his/her first registration considered for the award of the Advanced Certificate in Laboratory Technology.
- 6.5 The Grade Point Average (GPA) of a student shall be computed by considering the courses at level 2 of a student who has satisfied the conditions for the award of the Advanced Certificate in Laboratory Technology in line with the procedure set out in sections below.
- 6.6 The Grade Point Average shall be the course credit weighted mean of all the individual Grade Point Values (GPV) obtained by a candidate for thirty (30) course credits of courses he/she has offered. The grades obtained for the Continuing Education courses shall not be included in the calculation of the GPA.
- 6.7 The Grade Point Average shall be computed as follows;

$$\text{GPA} = \frac{\sum_{i=1}^n (\text{GPV}_i)(\text{CR}_i)}{\sum_{i=1}^n (\text{CR}_i)}$$

where  $\text{GPV}_i$  = Grade Point Value of course i

$\text{CR}_i$  = course credit rating of course i

GPA shall be calculated to the second decimal place subject to a maximum of 4.00.

- 6.8 A candidate shall be awarded the Advanced Certificate in Laboratory Technology with a Pass, if he/she has, obtained a minimum of C grades in courses adding up to a total of thirty (30) course credits from the courses at the level 2 of the Programme of Study with a minimum GPA of 2.00.
- 6.9 A candidate shall be awarded the Advanced Certificate in Laboratory Technology, with Merit, if he/she has, obtained a Pass in accordance with the Section 6.8 above with, a minimum GPA of 3.00.
- 6.10 A candidate shall be awarded the Advanced Certificate in Laboratory Technology, with Distinction, if he/she has, obtained a Pass in accordance with the Section 6.8 above, with a minimum GPA of 3.70.

### Part VII – Exemptions

- 7.1. There shall be no exemptions granted for any component of this Programme of Study.

### Part VIII - Course credit transfers

- 8.1. There shall be no course credit transfers granted for any component of this Programme of Study.

### Part IX – Revisions

- 9.1. This Regulation may be revised, amended or repealed as and when deemed necessary by the Senate.
- 9.2. Such revisions, amendments or repeals shall come into effect as determined by the Senate and approved by the Council.

## SCHEDULES

### SCHEDULE 1: CURRICULUM

Course Code	Credits	Course Title	Pre-requisites
<b>Level 02 – all courses are compulsory</b>			
ZYC2400	4	Laboratory techniques in Animal studies	None
ZYC2201	2	Laboratory Organization, Management and Safety	None
FNC2402	4	Laboratory Visits	None
BYC2403	4	Laboratory techniques in Plant Science	None
CYC2604	6	Laboratory techniques in Chemistry	None
PHC2605	6	Laboratory techniques in Physics	None
ADC2206	2	Mathematics for Laboratory Technology	None
CSC2207	2	Basic Information and Communication Technology	None
	30	Total	

**SCHEDULE 2 – MARKS RANGE AND GRADES**

<b>Marks Range (Z%)</b>	<b>Grade</b>
85-100	A+
70-84	A
65- 69	A-
60-64	B+
55-59	B
50-54	B-
45-49	C+
40-44	C
35-39	C-
30-34	D+
20-29	D
00-19	E

Recommended for the approval of the Faculty.

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Course Coordinator ACLT

Date: 04.10.2022

Recommended for Senate approval.

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Dean/faculty of Natural Sciences

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Date