

Republic of the Philippines
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY
East Service Road, South Luzon Expressway, Taguig City

130th TESDA BOARD MEETING
08 June 2021, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

Resolution No. 2021 - 27
(Page 1 of 4 pages)

**APPROVING THE AMENDMENTS OF THE TRAINING REGULATIONS FOR
PROGRAMMING (JAVA) NC III**

WHEREAS, TESDA Board Resolution No. 2013-0014 was issued on "Approving the Amendments of the Training Regulations for Programming NC IV" last 17 December 2013 during the 87th TESDA Board Meeting;

WHEREAS, it is the policy of TESDA to review after three (3) years any Training Regulations (TRs) promulgated by the TESDA Board;

WHEREAS, there is a need to review the existing Training Regulations in view of the developments in technology and current trends and practices in the industry;

WHEREAS, the Philippine Software Industry Association (PSIA) with the assistance of the Qualifications and Standards Office (QSO) of TESDA has reviewed the Section 3.5 – Trainer's Qualifications and Item 4.2 in Section 4 – Assessment and Certification Arrangements of the existing Training Regulations for Programming (Java) NC III to respond to the current skills and certification requirements of the industry with its new technologies and industry manpower set-up and recommended amendments;

WHEREAS, the industry experts and partners, headed by the Head of the Technology Council of the Philippine Software Industry Association (PSIA) with the technical assistance of the Qualifications and Standards Office (QSO) of TESDA endorsed the proposed abstraction/deletion of the Oracle Certified Professional Java SE 7 Programmer II (exam code: 1Z0-804) [now Java SE 8 – Exam Code: 1Z0-809] exam requirement for trainers and students under the foregoing Training Regulations;

WHEREAS, during the 132nd, 133rd, 134th and 136th Standards Setting and Systems Development (SSSD) Committee Meetings held on 16 March, 08 April, 07 May and 02 June 2021, respectively, the Committee deliberated upon and agreed to favorably recommend the approval of amendments for the Training Regulations for Programming (Java) NC III which is attached as Annex "A" and made an integral part of this Resolution;

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**APPROVING THE AMENDMENTS OF THE TRAINING REGULATIONS FOR
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WHEREAS, during the 130th TESDA Board Meeting on 08 June 2021, the TESDA Board deliberated and considered the proposed amendments for the Training Regulations for Programming (Java) NC III;

NOW, THEREFORE, BE IT RESOLVED AS IT IS HEREBY RESOLVED, that the aforementioned amendments for the Training Regulations for Programming (Java) NC III as herein appended are hereby approved;

BE IT RESOLVED, FINALLY, that:

- (1) Copies of this Resolution and the abovementioned Training Regulations be published in the Official Gazette or in a newspaper of general circulation, and disseminated to all concerned, and the same shall be effective fifteen (15) days upon publication;
- (2) All programs registered under the current Programming (Java) NC III must comply with the requirements of the abovementioned Training Regulations. The one-year period of re-registration under this Training Regulations shall commence on the date of effectivity as indicated in the Implementing Guidelines/TESDA Circular for the deployment of the amended Training Regulations to be issued by the TESDA Secretariat; and
- (3) Individuals who submit the Oracle Certified Associate Java SE 8 Programmer or Java SE 8 Programmer I (OCAJP 8) Certificate to TESDA will be issued the corresponding National Certificate in Programming (Java) NC III.

Adopted this 8th day of June 2021.

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PROGRAMMING (JAVA) NC III**


ATTY. JAN-MICHAEL P. JARO
Officer-In-Charge
TESDA Board Secretariat

Attested by:


SEC. ISIDRO S. LAPEÑA, PhD, CSEE
Designated Chairperson, TESDA Board
Director General, TESDA

(Original Signed)
USEC. RAFAELITA M. ALDABA
Department of Trade and Industry

(Original Signed)
USEC. ARIEL T. CAYANAN
Department of Agriculture

(Original Signed)
USEC. SANCHO A. MABBORANG
Department of Science and Technology

(Original Signed)
MR. ISIDRO ANTONIO C. ASPER
Board Member, Labor Sector

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**APPROVING THE AMENDMENTS OF THE TRAINING REGULATIONS FOR
PROGRAMMING (JAVA) NC III**

(Original Signed)
DR. LEONIDA BAYANI-ORTIZ
Board Member, Employer Sector

(Original Signed)
PROF. RANDOLPH I. NONATO
Board Member, Employer Sector

(Original Signed)
MS. MARY G. NG
Board Member, Business & Investment
Sector

(Original Signed)
MR. ARTURO M. MILAN
Board Member, Business & Investment
Sector

(Original Signed)
FR. ONOFRE G. INOCENCIO JR., SDB
Board Member, Education and Training
Sector

AMENDMENT ON TRAINING REGULATIONS FOR PROGRAMMING (JAVA) NC III

Existing Promulgated Training Regulations (Board Resolution No. 2013-14)	Amendments
Qualification Title	
Programming (Java) NC III	Programming (Java) NC III
Job Title	
<ul style="list-style-type: none"> • Java Programmer • Java Programming support staff • Software developer • Application developer • User Interface Developer 	<ul style="list-style-type: none"> • No Amendments
Section 1 - Definition of the Qualification	
<p>This TESDA Course is delivered in cooperation with Oracle's Workforce Development Program (WDP). Oracle Corporation launched WDP to address the continued global information technology (IT) worker shortage and need for accessible and low cost IT skills training. WDP enables participating educational institutions to deliver Oracle training in full-time and part-time programs for students in their local communities. WDP training will prepare students for Oracle certification testing. With the widely-acclaimed credential of Oracle certification, WDP students are readied for a variety of entry-level Oracle job-roles as well as career advancement.</p> <p>The Programming (Java) NC III Qualification consists of competencies that a person must achieve to develop or write program codes using a personal computer or workstation as part of a systems development team. It includes core competencies on programming language on Java, such as to develop command-line/console and desktop applications and to develop enterprise/web applications using Java technology.</p> <p>At the end of the course, participants should be equipped with sufficient knowledge to take and pass the internationally acknowledged Oracle Java SE Certified Associate and Certified Professional Exam and participant will be awarded with an Oracle Certified Professional Java Programmer.</p>	<p>The Programming (Java) NC III Qualification consists of competencies that a person must achieve to develop or write program codes using a personal computer or workstation as part of a systems development team. It includes core competencies on performing object-oriented analysis and design in Java technology and to create and fine-tune Java technology applications using object-oriented programming concepts.</p> <p>At the end of the course, participants should be equipped with sufficient knowledge to take and pass the internationally acknowledged Oracle Java SE Certified Associate Exam and participant will be awarded with an Oracle Certified Associate Java Programmer.</p>

Existing Promulgated Training Regulations (Board Resolution No. 2013-14)	Amendments																																								
Section 2- Competency Standards																																									
2.1 Basic Competencies 2.2 Common Competencies 2.3 Core Competencies	<ul style="list-style-type: none">No Amendments																																								
Section 3 - Training Standards																																									
3.1 Curriculum Design	<ul style="list-style-type: none">No Amendments																																								
3.2 Training Delivery	<ul style="list-style-type: none">No Amendments																																								
3.3 Trainee Entry Requirements	<ul style="list-style-type: none">No Amendments																																								
3.4 List of Tools, Equipment and Materials	<ul style="list-style-type: none">No Amendments																																								
3.5 Training Facilities The Programming workshop must be of concrete structure. Based on class size of 15 student/ trainees the space requirements for the teaching/ learning and circulation areas are as follows: <table><tr><th>TEACHING/ LEARNING AREAS</th><th>SIZE IN METERS</th><th>AREA IN SQ. METERS</th><th>QTY</th><th>TOTAL AREA IN SQ. METERS</th></tr><tr><td>Lecture Area*</td><td>5 x 8</td><td>40</td><td>1</td><td>40</td></tr><tr><td>Computer Laboratory</td><td>6 x 8</td><td>48</td><td>1</td><td>48</td></tr><tr><td>Learning Resource Area</td><td>4 x 5</td><td>20</td><td>1</td><td>20</td></tr><tr><td>Wash, Toilet & Locker Room</td><td>2 x 5</td><td>10</td><td>2</td><td>20</td></tr><tr><td colspan="4">Total</td><td>128</td></tr><tr><td colspan="4">Facilities / Equipment / Circulation*</td><td>38</td></tr><tr><td colspan="4">Total Area</td><td>166</td></tr></table> <i>*Area requirement is equivalent to 30% of the total teaching/learning areas</i> Note: The training center must be accredited by Oracle Philippines and must be a member of the Workforce Development Program.	TEACHING/ LEARNING AREAS	SIZE IN METERS	AREA IN SQ. METERS	QTY	TOTAL AREA IN SQ. METERS	Lecture Area*	5 x 8	40	1	40	Computer Laboratory	6 x 8	48	1	48	Learning Resource Area	4 x 5	20	1	20	Wash, Toilet & Locker Room	2 x 5	10	2	20	Total				128	Facilities / Equipment / Circulation*				38	Total Area				166	<ul style="list-style-type: none">No amendments on the space/area requirements
TEACHING/ LEARNING AREAS	SIZE IN METERS	AREA IN SQ. METERS	QTY	TOTAL AREA IN SQ. METERS																																					
Lecture Area*	5 x 8	40	1	40																																					
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Existing Promulgated Training Regulations (Board Resolution No. 2013-14)	Amendments
<p>4.4 The following are qualified to apply for assessment and certification:</p> <p>4.4.1 Graduate of formal, non-formal and informal including enterprise-based training programs</p> <p>4.4.2 Experienced workers (wage employed or self-employed)</p> <p>4.5 The guidelines on assessment and certification are discussed in detail in the "Procedures Manual on Assessment and Certification" and "Guidelines on the Implementation of the Philippine TVET Qualification and Certification System (PTQCS)".</p>	<p>or before the expiration of their NC. (Refer to Section 13.1 of TESDA Circular No. 2015-015)</p> <p>4.6 The guidelines on assessment and certification are discussed in detail in the "Procedures Manual on Assessment and Certification" and "Guidelines on the Implementation of the Philippine TVET Competency Assessment and Certification System (PTCACS)".</p>