

Title	Describe the human cardiovascular system		
Level	4	Credits	3

Purpose	People credited with this unit standard can describe: <ul style="list-style-type: none"> • the composition and function of blood; and • the structure and function of the heart and blood vessels.
----------------	--

Classification	Health, Disability, and Aged Support > Core Health
-----------------------	--

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Assessment note
Evidence generated for assessment against this standard must reflect descriptions and principles in, *Essentials of human anatomy and physiology*, or another current medical text that describes human anatomy.
- 2 Reference
Marieb, E.N. (2017). *Essentials of human anatomy and physiology, Global Edition* (12th ed.). Harlow, United Kingdom: Pearson Education Limited.

Outcomes and performance criteria

Outcome 1

Describe the composition and function of blood.

Range leukocyte (white blood cell), erythrocyte (red blood cell), platelet, plasma.

Performance criteria

- 1.1 The four components of blood are described.
- 1.2 The functions of the four blood components are described.

Outcome 2

Describe the structure and function of the heart and blood vessels.

Performance criteria

- 2.1 The location of the heart in the thorax is identified.

2.2 The structure and function of the heart is described.

Range endocardium, myocardium, epicardium, pericardium, chambers, valves.

2.3 The structure and function of blood vessels is described.

Range artery, vein, capillary.

2.4 The role of the cardiovascular system maintaining homeostasis is described.

Range systemic circulation, pulmonary circulation, coronary circulation, blood pressure.

Planned review date	31 December 2026
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 October 1998	31 December 2012
Review	2	26 May 2004	31 December 2012
Review	3	20 March 2008	31 December 2012
Review	4	20 September 2012	31 December 2023
Rollover and Revision	5	26 September 2019	31 December 2023
Review	6	30 September 2021	N/A

Consent and Moderation Requirements (CMR) reference	0024
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Careerforce info@careerforce.org.nz if you wish to suggest changes to the content of this unit standard.