

Federal University of Technology Minna
School of Environmental Technology
Department Of Architecture
First Semester Examination 2015/2016

Course Title: **Photography I**

Course Code: **ARC 319** Credit Units: **1**

Duration: **2hours**

Instructions: *Answer Four (4) questions in all.
Questions **TWO** and **FIVE** are compulsory.
Answer each question concisely. Neat drawings attract more marks.*

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- 1a. Give two (2) definitions of photography. (2 marks)
- 1b. State four (4) importance of photography (2 marks)
- 1c. Outline three (3) ways by which photography is superior to sketching and painting. (6 marks)
- 2a. Define a camera. (2 marks)
- 2b. Draw an isometric view (top and back view) of the DSLR camera and identify ten (10) important features: (10 marks)
- 2c. Outline the process involved in image capturing on a DSLR camera. (4 marks)
- 2d. Identify two (2) differences between the DSLR and a digital range finder. (4 marks)
- 3a. Write short notes on the concept of lens and focal length. (4 marks)
- 3b. Describe three (3) lens types, including (1) advantage and disadvantage of each. (6 marks)
- 4a. Define exposure. (2 marks)
- 4b. Describe aperture concepts and use sketches to describe its relation to exposure. (4 marks)
- 4c. Describe shutter concepts and use sketches to describe its relation to exposure. (4 marks)
- 5a. List six (6) items on quick settings and their importance. (6 marks)
- 5b. Write briefly on the concept of white balance and its importance. (4 marks)
- 5c. Discuss three (3) types of metering and when they are most appropriately used. (6 marks)
- 5d. What is bracketing and why is it important? (4 marks)