

**UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG
FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT**

VACATION WORK DIARY FOR ELEC & INFOR ENGINEERING STUDENTS

To be handed in to your Departmental Administrative Officer by **date assigned by the School**.
(A separate form is required for each mine at which the student works.)

STUDENT NO: ... 1490804 YEAR OF STUDY: ... 2

NAME: Nduvho Edward Ramashia

NAME OF EMPLOYER: ... Professor Scott Hazelhurst

EMPLOYER'S ADDRESS: ... School of Electrical and Information Engineering.....

..... University of the Witwatersrand, Johannesburg

..... Private Bag 3, 2050 Wits, South Africa

DATE ENTERED SERVICE: ... 03 / 12 / 2020 DATE LEFT SERVICE: ... 25 / 02 / 2021

USE ONE LINE FOR EACH SHIFT WORKED (ADD LINES/PAGES AS NEEDED)

	Date	Department	Nature of work undertaken
01	03/12/2020,	EIE	Reading through the ATmega328p data-sheet. (5hours)
02	04/12/2020	EIE	Reading through the ATmega328p data-sheet. (6hours)
03	07/12/2020	EIE	Reading through the ATmega328p data-sheet. (5hours)
04	08/12/2020	EIE	Reading through the ATmega4809 data-sheet. (6hours)
05	09/12/2020	EIE	Reading through the ATmega4809 data-sheet. (5.5hours)
06	10/12/2020	EIE	Reading through the ATmega4809 data-sheet. (6.5hours)
07	11/12/2020	EIE	Work on a report about the differences between the 2 MCUs. (5hours)
08	14/12/2020	EIE	Work on (composing) a report about the differences between the 2 MCUs. (5.5hours)
09	15/12/2020	EIE	Work on (composing) a report about the differences between the 2 MCU. (5hours)
10	16/12/2020	EIE	Work on (composing) a report about the differences between the 2 MCUs. (5hours)
11	17/12/2020	EIE	Meeting the supervisor and working on the report. (6hours)
12	18/12/2020	EIE	Implementing a temperature monitor using the ATmega4809. (6hours)
13	21/12/2020	EIE	Implementing a temperature monitor using the ATmega4809. (5hours)
14	22/12/2020	EIE	Implementing a temperature monitor using the ATmega4809. (5hours)
15	23/12/2020	EIE	Implementing a temperature monitor using the ATmega4809. (5hours)
16	24/12/2020	EIE	Meeting with the supervisor and working on the monitor. (7hours)
17	18/01/2021	EIE	Meeting with the supervisor and working on the monitor . (7.5hours)
18	19/01/2021	EIE	Working on the monitor. (6hours)
19	20/01/2021	EIE	Debugging the monitor. (6hours)
20	21/01/2021	EIE	Debugging the monitor. (5.5hours)
21	22/01/2021	EIE	Debugging the monitor. (7hours)



22	25/01/2021	EIE	Meeting with the supervisor and finalize the working of the monitor. (4.5hours)
23	26/01/2021	EIE	Read through the lab material, highlighting parts and sections that might need grammatical correction. (5hours)
24	27/01/2021	EIE	Implementing the labs. (5.5hours)
25	28/01/2021	EIE	Working on the labs. (5hours)
26	29/01/2021	EIE	Working on the labs. (5hours)
27	01/02/2021	EIE	Meeting with the supervisor and work on the labs. (6.5hours)
28	02/02/2021	EIE	Working on the labs. (5hours)
29	03/02/2021	EIE	Working on the labs. (5hours)
30	04/02/2021	EIE	Working on the labs. (5hours)
31	05/02/2021	EIE	Working on the labs. (5.5hours)
32	08/02/2021	EIE	Meeting with the supervisor and work on the labs. (5.5hours)
33	09/02/2021	EIE	Debugging lab 10. (6hours)
34	10/02/2021	EIE	Working on lab 11. (5hours)
35	11/02/2021	EIE	Working on lab 11. (5hours)
36	12/02/2021	EIE	Debugging lab 11 part 1. (6hours)
37	15/02/2021	EIE	Meeting with the supervisor and finalize lab 10. (5hours)
38	16/02/2021	EIE	Working on lab 11. (6hours)
39	17/02/2021	EIE	Working on lab 11. (7hours)
40	18/02/2021	EIE	Debugging lab 11 part 2. (7hours)
41	19/02/2021	EIE	Debugging lab 11 part 2. (8hours)
42	20/02/2021	EIE	Clean up and comment on all written codes. (6.5hours)
43	25/02/2021	EIE	Final meeting with the supervisor

Hazelhurst