

Course Code	Course Name	Teaching Scheme (Contact Hours)			Credits Assigned				
		Theory	Pract.	Tut.	Theory	Tut.	Pract.	Total	
FEL204	C programming	--	2	--	--	--	1	1	
Course Code	Course Name	Examination Scheme							
		Theory					Term Work	Pract. /oral	Total
		Internal Assessment			End Sem. Exam.	Exam. Duration (in Hrs)			
		Test1	Test 2	Avg					
FEL204	C programming	--	--	--	--	--	25	25	50

**Outcomes:** Learner will be able to...

1. Translate given algorithms to a program.
2. Correct syntax and logical errors.
3. Write iterative as well as recursive programs.
4. Represent data in arrays, strings and structures and manipulate them through a program.
5. Declare pointers and demonstrate call by reference concept.

**Lab Description:**

Weekly 2 hours of laboratory Programming Assignments on the following topics:

1. Basic data types and I/O operations
2. Branching Statements
3. Loop Statements
4. Arrays
5. Strings
6. Functions
7. Recursion
8. Structure and Union
9. Pointers

**Term Work:**

**Experiments (20 Programs) and Assignments (2 Assignments) should be completed by students on the given time duration**

Experiments:	15 Marks
Assignment:	05 Marks
Attendance:	05 Marks
<b>Total:</b>	<b>25 Marks</b>

The final certification and acceptance of TW ensures the satisfactory performance of laboratory work and minimum passing in the TW.

**Practical and Oral :**

**Practical and oral Exam should be conducted for the Lab, on Computer Programming in C subject for given list of experiments.**

Implementation:	15 Marks
Oral:	10 Marks