



COMP203TH

Course Outcomes:

- *Students will be equipped with the skills necessary to develop dynamic and interactive web applications using PHP.*
- *Students will learn how to write server side code that interacts with the database, performs data processing and manipulation and handles server-side logic and functionality.*
- *Course will provide a solid foundation for a career in web development and offers opportunities for growth and advancement in the field.*

Course Material:

All the course material will be available on Canvas.

In the beginning of the course, all the students will receive an invite on their respective e-mail IDs for joining the course.

I will use e-mail IDs that you have filled in your Admission forms. If some of you will be using any alternate e-mail ID then do update me.

Link to Course Material: Will update as the session starts

All the assignments, quizzes and tests will be maintained online on Canvas only.

Communication via email is preferable. So, do email me for any queries or information regarding joining the course.

For queries related to course material, the in-built messaging system of canvas is recommended.

Course Schedule

Total Lectures: 23 + Final Project

Reference Books:

PHP & MySQL by Example (Ellie Quigley with Marko Gargenta)

Learning PHP, MySQL, JavaScript & CSS (Robin Nixon)

Class Time: as per time-table approved by the College.

Room No: 129 (1st Floor, Old Building Govt. College Hamirpur)

All the practical classes will be conducted in the Department of Computer Science Lab (Room No: 128) on the 1st floor of the old building of Govt. College Hamirpur.

The schedule of lectures will be in accordance with the approved academic calendar of the college.

Lecture

Introduction

Lecture: 1	Web Page, Web Browser and ...
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Lecture: 2	Dynamic Websites and PHP
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Lecture: 3	Using Variables in PHP
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Lecture: 4	Escape Sequences in PHP
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Lecture: 5	PHP data types and constants
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Lecture: 6	PHP operators
Lecture: 7	PHP Operator Precedence & Associativity
Unit Test-1	
Lecture: 8	Capturing Form Data
Lecture: 9	Dealing with multi value fields in PHP
Lecture: 10	Redirecting a form after submission
Lecture: 11	Controlling Program Flow (Part-I)
Lecture: 12	Controlling Program Flow (Part-II)
Lecture: 13	PHP Functions (Part-I)
Lecture: 14	PHP Functions (Part-II)
Lecture: 15	PHP Functions (Part-III)
Lecture: 16	Array (Part-I)
Lecture: 17	Array (Part-II)
Lecture: 18	Introduction to Strings
Lecture: 19	Formatting Strings
Lecture: 20	Joining and Splitting Strings
Lecture: 21	Comparing Strings, Searching & Replacing

Lecture: 22

Regular Expressions (Part-I)

Lecture: 23

Regular Expressions (Part-II)

Unit Test-2

Final Project Common with COMP202 course

Most of the theory of this course will be covered in practical classes.
