

# Coding Course Brochure

by  Tutorx  
REDEFINE LEARNING EXPERIENCE



# Tech Careers Can Offer 2x–5x Higher Growth Than Traditional Roles

Start Coding Early and Build Skills That Open  
Global Opportunities

## The Future is Built by Coders

High-demand tech roles across the world offer strong career growth, global exposure, and long-term stability. Coding is one of the most valuable skills students can start building early.

Whether it's building apps, websites, or intelligent systems, coding opens doors to some of the fastest-growing and highest-paying career paths globally.

## About TutorX

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# Programming Languages You Will Learn

## C

Build a strong foundation in programming logic and understand how systems work at a fundamental level.

## C++

Master structured programming and object-oriented concepts used in advanced problem solving.

## Python

One of the most in-demand languages globally, used in AI, data science, automation, and app development.

## Java

Learn object-oriented programming used in enterprise applications, mobile apps, and large systems.

## Other Programming Languages

Exposure to modern tools like JavaScript and evolving technologies based on student level and interest.



# Core Learning Areas

## BASIC COMPUTER SKILLS

**Build a strong digital foundation**



- Computer fundamentals and safe usage
- Typing skills and file management
- Internet tools and productivity basics

## WEBSITE DEVELOPMENT

**Learn how to build real, responsive websites**



- HTML for structure
  - CSS for design and layout
  - JavaScript for interactivity
- Build and launch your own web pages

## OPERATING SYSTEMS & TOOLS

**Understand how systems work behind the scenes**



- Computer fundamentals and safe usage
- Typing skills and file management
- Internet tools and productivity basics

# DATA STRUCTURES AND ALGORITHMS (DSA)

**The core of logical thinking and advanced coding**



- Arrays, stacks, queues, trees
- Problem-solving using real-world examples
- Optimisation and logical structuring

## WHAT THIS MEANS FOR STUDENTS

**Instead of just learning theory, students**



- Build real websites
- Understand how systems function
- Solve problems using coding logic



# What You Will Learn

A structured learning journey designed to build real skills step by step.



## Beginner Level

- Introduction to coding logic
- Block-based programming for younger learners
- Basic animations and simple programs



## Intermediate Level

- Syntax-based programming (Python, C++)
- Website development using HTML, CSS, JavaScript
- Mini projects and real-world problem solving

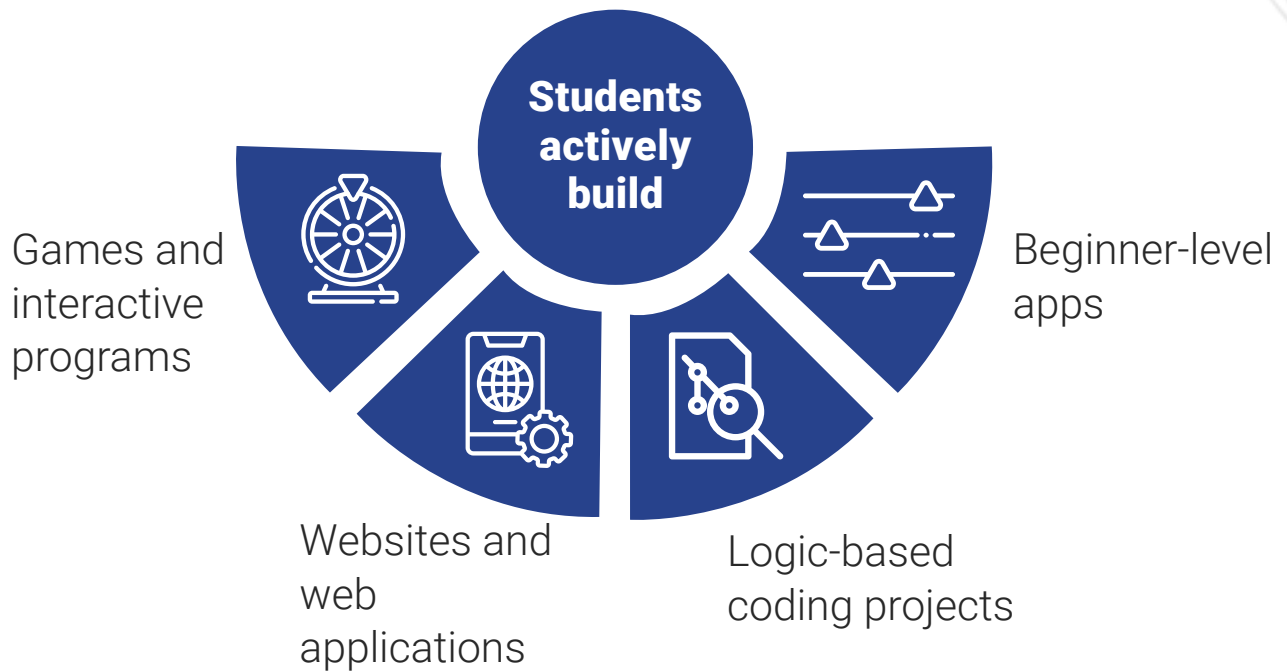


## Advanced Level

- Application and software development
- Problem solving using DSA
- Introduction to AI concepts and automation



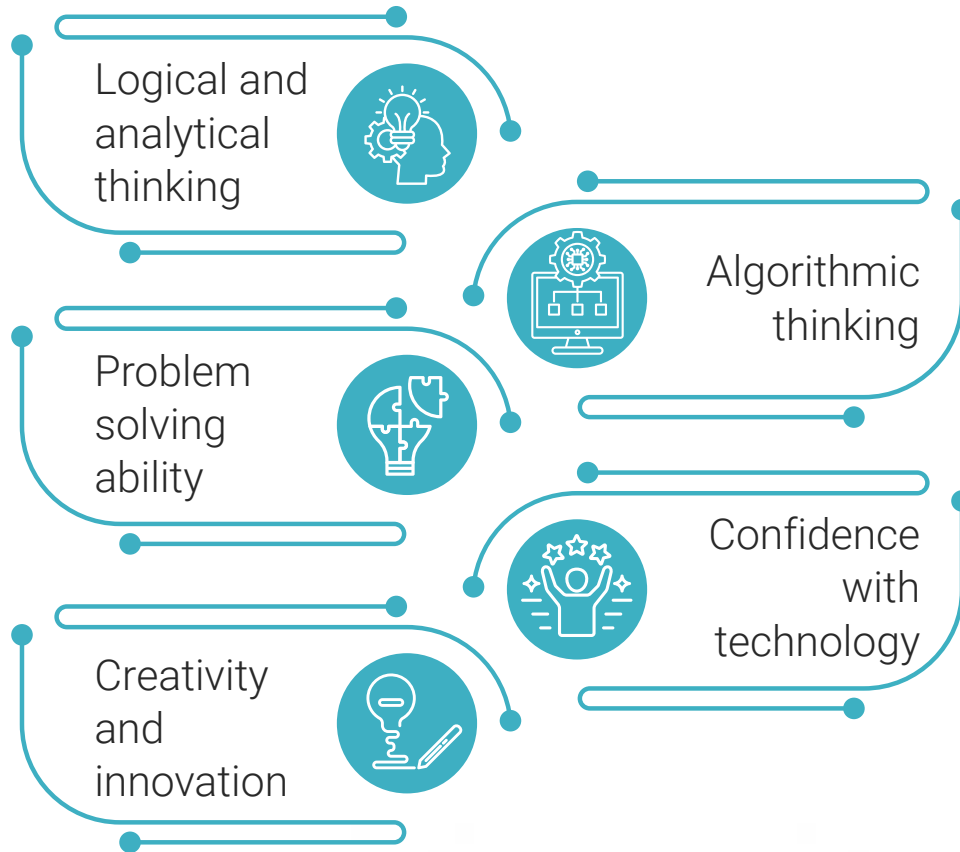
## HANDS-ON PROJECT LEARNING



This ensures students don't just understand coding, they apply it confidently.



## SKILLS YOU DEVELOP



## CAREER OPPORTUNITIES AFTER LEARNING CODING

This is where we shift from “learning” to “outcomes”.  
Coding opens doors to multiple career paths:



Software Developer



Web Developer



App Developer



Game Developer



Data Analyst (with  
advanced learning)



AI and Machine  
Learning roles  
(advanced pathway)

## STUDENTS ALSO GAIN A STRONG FOUNDATION FOR:



Competitive  
exams and  
Olympiads

Future tech  
careers  
globally



Higher  
education in  
computer  
science and  
engineering



## CERTIFICATION

Students receive a course completion certificate based on their level and performance.

### What Students Achieve



Strong programming foundation



Ability to build real-world projects



Early exposure to v paths



Improved academic performance in logic-based subjects



# Why Choose TutorX

1:1 personalized  
classes

**01**

Certified &  
experienced tutors

**02**

Flexible scheduling

**03**

Real project-based  
learning

**04**

Regular progress  
tracking

**05**

Parent feedback  
sessions

**06**

# Start Your Coding Journey Today

The earlier students start coding, the stronger their advantage in a technology-driven world.

With personalised guidance, structured learning, and real-world application, TutorX helps students move from learning code to thinking like creators.

## Book Your Free Trial Session Today



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