



treehouse

Course Catalog
teamtreehouse.com

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Types of Content

Tracks

Curated learning paths that take students through a curriculum built by our in-house, expert teachers. Tracks are composed of a series of courses. For example, the Web Design track includes courses on HTML, CSS, foundations in Photoshop & Illustrator, branding and User Experience (UX). See all of our Tracks at teamtreehouse.com/tracks/.

Courses

Lessons that are broken down into easy-to-digest videos, code challenges, and quizzes. Courses usually build on existing knowledge, and can be part of tracks or cover important stand alone topics like Scrum Basics or Mailchimp APIs.

Workshops

Focused content that helps you get started on your projects right away and doesn't have a quiz component. For example, build out your app's demo with a workshop on Create Tooltips with CSS, or start accepting payment after watching the Simple Stripe Payment for Wordpress workshop.

Browse this catalog to see a full list of our courses and workshops or, to explore our tracks, courses and workshops in more detail, check out our [Content Library](#) online.



TYPE	TITLE
Course	Android Activity Lifecycle
Course	Android Data Persistence
Workshop	Android Data Storage with SQLite
Course	Android Fragments
Course	Android Lists and Adapters
Workshop	Android Permissions
Workshop	Android Widgets
Course	Animations and Transitions
Workshop	Build a Navigation Drawer Pattern
Workshop	Build a Realtime Database App with Firebase
Course	Build a Simple Android App
Course	Build a Weather App
Course	Build an Interactive Story App
Workshop	Content Providers
Workshop	Create an Options Menu
Workshop	Custom Views in Android
Workshop	Deep Links
Workshop	Getting Started with Android
Workshop	Getting Started with Firebase
Workshop	Getting Started with Android Emulator
Workshop	Github and Android Studio
Course	Google Play Services
Course	Intents and Broadcast Receivers
Course	Kotlin and Anko
Course	Kotlin for Java Developers
Workshop	Loading with Loaders
Workshop	Localization in Android
Workshop	Practice with Views in Android
Course	Publish an Android App
Workshop	RxJava
Workshop	Simplify Networking with Retrofit
Course	Styles and Themes in Android
Course	Testing in Android
Course	Threads and Services
Workshop	Using the Camera in Android

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APIs



TYPE

TITLE

Course

Build an Alexa Skill

Business



TYPE

TITLE

Course

Building Your Resume

Workshop

Career Self-Assessment with C.C. Chapman

Course

Careers Foundations

Course

Copyright Basics

Course

How to Build Your Business Through Blogging

Course

How to Freelance

Course

How to Market Your Business

Course

How to Run a Web Design Business 

Course

How to Start a Business

Workshop

How to Use Google Analytics

Course

How to Write a Business Plan

Workshop

Measuring Company Performance with MRR, Churn and Lifetime Values 

Workshop

Podcasting

Course

Researching User Needs 

Course


SEO Basics

Workshop



Social Media Strategy 

Course


Soft Skills

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TYPE	TITLE
Course	ASP.NET MVC Basics
Course	ASP.NET MVC Forms
Workshop	Become a Visual Studio Power User
Course	C# Basics
Course	C# Collections
Workshop	C# Extension Methods
Course	C# Objects
Course	C# Streams and Data Processing
Workshop	Creating Data Structures Using C# Generics
Workshop	Creating Your First ASP.NET MVC Website
Workshop	Debugging in Visual Studio
Course	Entity Framework Basics
Workshop	Entity Framework Data Concurrency
Course	Entity Framework Migrations
Workshop	Entity Framework Query Performance
Course	Entity Framework with ASP.NET MVC
Workshop	Free Workshop: Creating Your First ASP.NET MVC Website
Workshop	Getting Started with ASP.NET Core 
Course	Intermediate C#
Workshop	Introduction to Visual Studio
Workshop	Package Management with NuGet
Workshop	Practice Basic Variables, Input, and Output in C#
Workshop	Publishing an ASP.NET Core Application to Azure 
Course	Querying with LINQ
Course	Unit Testing in C#
Workshop	Using GitHub with Visual Studio



TYPE	TITLE
Course	Advanced Sass 
Course	Animating SVG with CSS
Course	Bootstrap 4 Basics
Workshop	Build a Responsive Navigation with Flexbox
Course	CSS Basics
Workshop	CSS Best Practices
Workshop	CSS Blend Modes
Workshop	CSS Clipping Paths
Course	CSS Flexbox Layout
Course	CSS Layout Basics
Workshop	CSS Masks
Course	CSS Selectors
Course	CSS Transitions and Transforms
Course	CSS to Sass
Workshop	Create Tooltips with CSS
Workshop	Create a Fullscreen Slider with CSS
Workshop	Create a Modal Window with CSS
Workshop	Create an Accordion Menu with CSS
Workshop	Creating a CSS Marquee
Course	Framework Basics
Workshop	Introduction to PostCSS
Course	Modular CSS with Sass
Workshop	New Features in CSS
Workshop	Practice CSS Floats
Workshop	Practice CSS Selectors
Workshop	Practice Media Queries
Workshop	Practice The CSS Box Model
Course	Responsive Layouts
Course	Sass Basics
Workshop	The CSS calc() Function
Course	Treehouse Club: CSS

Data Analysis



TYPE

TITLE


Workshop	Introducing Microsoft Excel
Course	Spreadsheet Basics


Databases



TYPE

TITLE

Course	Modifying Data with SQL
Course	Mongo Basics
Workshop	Practice Column Selection and Aliasing with SQL
Workshop	Practice Simple WHERE Clauses with SQL
Course	Querying Relational Databases
Course	Reporting with SQL
Course	SQL Basics
Workshop	SQL Window Functions 






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TYPE	TITLE
Course	Adobe Illustrator for Web Design
Course	Aesthetic Foundations
Course	Brand Identity Basics
Workshop	Creating Wireframe and Photoshop Mockups
Workshop	Creating a Custom Icon Font
Workshop	Custom UIViewController Transitions in iOS 7
Course	Design Foundations
Workshop	Designing in the Browser versus Adobe Illustrator
Course	HTML Email Design
Workshop	How to Make a Favicon
Course	Illustrator Foundations
Workshop	Live Q&A with Nick Pettit and Jason Seifer
Course	Logo Design Basics
Course	Mobile App Design for iOS
Course	Mobile Game Design
Course	Photoshop Foundations
Workshop	Rapid Website Prototyping
Course	Sketch Basics
Workshop	The Blank Slate
Workshop	Tools to Improve Front-End Performance
Course	UX Basics
Course	Usability Foundations
Course	Usability Testing
Workshop	Web Design Q&A
Course	Web Typography

Development Tools



TYPE	TITLE
Course	AWS with S3
Workshop	App Development Accounts 
Course	Console Foundations
Workshop	Debugging a Web App With Chrome Dev Tools
Course	Front End Web Optimization Workflow
Workshop	Get Acquainted with Git
Workshop	Get Together with Git 
Course	Git Basics
Course	GitHub Basics
Workshop	GitHub in Workspaces
Course	HTTP Basics
Workshop	Harnessing the Power of Vim
Workshop	Hosting a Website with GitHub Pages
Workshop	How to Review a Techdegree Project
Workshop	Introducing Progressive Web Apps 
Workshop	Introducing Text Editors
Workshop	Introduction to Design Patterns
Course	Introduction to Front End Performance Optimization
Workshop	Linux Servers on VirtualBox 
Course	MailChimp API
Course	Markdown Basics
Course	REST API Basics
Course	Scrum Basics
Workshop	Share Your Projects with GitHub Desktop 
Workshop	Share Your Techdegree Projects with GitHub Desktop
Course	Technology Foundations
Workshop	Up and Running with Grunt
Workshop	Using Treehouse Workspaces
Course	Web Accessibility Compliance
Course	Website Basics
Course	Website Optimization

TYPE	TITLE
Course	Computer Basics
Workshop	HTTP: Do you GET it? 
Course	How the Internet Works
Course	How the Web Works

Digital Literacy



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Game Development



TYPE	TITLE
Course	3D Art with Maya LT
Course	Cameras in Unity
Course	Components in Unity
Course	How to Make a Video Game
Workshop	Introduction to Virtual Reality
Course	Lighting in Unity
Course	Materials in Unity
Course	Maya Modeling Tools
Course	Object-Oriented Programming in Unity
Workshop	Practice with Input in Unity
Workshop	Practice with Transforms in Unity
Workshop	Understanding VR for Buisness 
Course	Unity Basics



Go



TYPE	TITLE
Course	Go Language Overview






HTML









TYPE	TITLE
Workshop	3D in the Browser
Course	Accessibility
Workshop	Coding Your First HTML5 Game
Workshop	Create a Jekyll Site on GitHub
Workshop	Front End Techdegree Peer Review By Example
Course	HTML
Course	HTML Basics
Course	HTML Forms
Course	HTML Tables
Course	HTML Video and Audio
Course	How to make a Website
Course	Introduction to HTML and CSS
Workshop	Jekyll Data Files 
Course	Responsive Images
Course	SVG Basics
Workshop	SVG Workflow and Tools 
Course	Treehouse Club: HTML

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TYPE	TITLE
Course	API Design Guidelines in Swift 3
Workshop	Attributed Strings in iOS 
Course	Build An iTunes Search App
Course	Build a Game with Sprite Kit
Course	Build a Playlist Browser with Objective-C
Course	Build a Selfie App with Swift 2
Course	Build a Simple iPhone App with Objective-C
Course	Build a Simple iPhone App with Swift 3
Course	Build a Vending Machine App in Swift 3
Course	Build a Weather App
Course	Build an Interactive Story App with Swift 2
Course	Build an Interactive Story App with Swift 3
Course	Closures in Swift 2
Course	Closures in Swift 3
Workshop	Comparing Code: Swift and Objective-C
Workshop	Concurrency in iOS 
Workshop	Custom View Controller Transitions 
Workshop	Custom Views in iOS
Workshop	Debugging Auto Layout
Workshop	Debugging for iOS
Course	Delegates in Swift 2
Course	Delegation in iOS
Workshop	Dependency Injection in Swift 
Workshop	Dependency Management with Carthage for iOS
Workshop	Dependency Management with CocoaPods for iOS
Course	Displaying API Data with Collection Views in Objective-C
Course	Displaying Data with Table Views in Swift 2
Course	Enumerations and Optionals in Swift 3
Course	Error Handling in Swift 3
Workshop	Functional Reactive Programming in Swift 








TYPE	TITLE
Course	Functions in Swift 3
Course	Generics in Swift 2
Course	Generics in Swift 3
Workshop	Getting Started in Realm 
Workshop	Git for iOS
Course	Intermediate Swift 2
Course	Intermediate Swift 3
Course	Introduction to Auto Layout in iOS
Course	Introduction to Core Data with Swift 2
Workshop	Introduction to React Native for iOS 
Course	Introduction to Scroll Views with Swift 2
Course	Introduction to Table Views
Workshop	KIF Testing 
Workshop	Local Notifications in iOS
Workshop	Local User Notifications in iOS
Workshop	MVVM in iOS 
Workshop	Migrating to Swift 3 
Course	Network programming with Swift 2
Workshop	Nullability Annotations in Objective-C 
Course	Object-Oriented Objective-C
Course	Object-Oriented Swift 3
Course	Objective-C Basics
Course	Objective-C for Swift Developers
Workshop	Practice Manipulating Data in Swift
Workshop	Practice Using Operators in Swift
Workshop	Protocol Oriented Programming with Swift 2
Course	Protocols in Swift 3
Course	Saving Data on a Server with Swift 2
Course	Swift 3 Basics
Course	Swift 3 Collections and Control Flow








TYPE	TITLE
Workshop	UIKit Dynamics 
Course	Unit Testing in iOS
Workshop	Unit Testing in iOS 
Workshop	User Interface Testing 
Workshop	Using Auto Layout in iOS
Workshop	What's New in Auto Layout in iOS 9
Workshop	What's New in Swift 2.0
Workshop	iOS 7 SDK Highlights and Features
Course	iOS Design Patterns 
Workshop	iOS Improving Interaction with Animation
Workshop	iOS Instruments: Allocations
Workshop	iOS Instruments: Leaks
Workshop	iOS instruments: Time Profiler
Workshop	iOS Memory Management
Workshop	iOS Submitting to the App Store








TYPE	TITLE
Course	Build a JavaFX Application
Workshop	Build a REST API in Spark
Workshop	Build a REST API in Spring
Workshop	Building with Maven
Workshop	Composing Functions in Java 
Workshop	Consumer Functional Interface 
Workshop	Continuous Integration with Java using Travis CI 
Workshop	Debugging an Existing Java Application
Workshop	Dependency Management with Gradle
Workshop	Deploying a Spring Application 
Workshop	Feeling Loopy with Java
Course	Hibernate Basics
Course	Intro to Java Web Development with Spark
Course	Introduction to Functional Programming
Course	Introduction to Scala
Course	Java Notifications
Course	Java Basics
Course	Java Data Structures
Workshop	Java Lambdas
Course	Java Objects
Course	Local Development Environments
Workshop	Observer Design Pattern using Java 
Workshop	Optionals - Tips and Tricks
Workshop	Practice Input and Output in Java
Workshop	Regular Expressions in Java
Course	Spring Basics
Course	Spring with Hibernate
Workshop	The Thing About Strings
Workshop	Unit Testing a Spring Application
Course	Unit Testing in Java
Workshop	User Authentication in Spring



TYPE	TITLE
Course	AJAX Basics
Workshop	Adding MongoDB to your Node App on Heroku 
Course	Angular Basics
Course	AngularJS Basics (1.x)
Workshop	Animations in React
Workshop	Build a Cross-Platform Desktop Application with Electron 
Course	Build a REST API With Express
Course	Build a Simple Dynamic Site with Node.js
Course	Building Applications with React and Redux
Course	Building a MEAN Application
Workshop	Code Coverage with Istanbul 
Workshop	Create a Media Player with MediaElement.js
Course	D3.js
Course	DOM Scripting By Example
Workshop	Data Fetching in React
Workshop	Debugging JavaScript in the Browser
Workshop	Debugging Node Applications with Google Chrome
Workshop	Defining Variables with let and const
Workshop	Deploy a Node Application to Heroku 
Workshop	Deploy your App to GitHub Pages with Gulp
Workshop	Exploring JavaScript Conditionals
Course	Express Basics
Workshop	Getting Started with Typescript 
Workshop	Getting Started with Webpack
Course	Gulp Basics
Workshop	How to Create and Distribute an npm Package
Workshop	Introducing Arrow Function Syntax
Course	Introducing ES2015
Workshop	Introducing Template Literals
Workshop	Introduction to Babel
Course	Introduction to jQuery
Course	JavaScript Basics
Workshop	JavaScript Booleans
Course	JavaScript Loops, Arrays and Objects

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TYPE	TITLE
Course	JavaScript Unit Testing
Course	JavaScript and the DOM
Workshop	JavaScript and the Internet of Things 
Course	Node.js Basics
Workshop	OAuth Authentication With Passport 
Course	Object-Oriented JavaScript
Workshop	Practice Basic JavaScript Functions
Workshop	Practice Basic Variables, Input and Output in JavaScript
Workshop	Practice If and Else If Statements in JavaScript
Workshop	Practice JavaScript Loops
Workshop	Practice JavaScript Math Methods
Workshop	Programming Step-by-Step: Object-Oriented JavaScript (Part 1)
Workshop	Programming Step-by-Step: Object-Oriented JavaScript (Part 2)
Course	React Basics
Course	React Router 4 Basics
Workshop	Setting Up Travis CI with Node.js 
Workshop	Setting up Webpack for React
Workshop	Testing React Components with Enzyme 
Workshop	The JavaScript 'use strict' Statement
Workshop	The Module Pattern in JavaScript
Course	Treehouse Club - MASH
Course	Treehouse Club: JavaScript
Workshop	Understanding "this" in JavaScript
Workshop	Understanding Closures in JavaScript
Workshop	Understanding Express Middleware
Workshop	Understanding Promises in JavaScript
Course	User Authentication With Express and Mongo
Workshop	Using Gulp's 'gulp-useref' For a Full Build Pipeline
Workshop	Using Local Storage with JavaScript
Workshop	Using SQL and Node.js with Sequelize 
Course	Using jQuery Plugins
Workshop	Using npm as a Task Runner
Workshop	Using the Geolocation API in JavaScript
Course	jQuery Basics
Course	npm Basics

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TYPE	TITLE
Workshop	Basic Error Handling in PHP
Workshop	Basic Exception Handling with PHP
Course	Browser Persistent Data with PHP
Course	Build a Basic PHP Website
Course	Building Websites with PHP
Course	CRUD Operations with PHP
Workshop	Converting an HTML Site to a PHP Micro Framework
Workshop	Dependency Management with Composer
Course	Drupal Basics
Course	Extending Object-Oriented PHP
Course	File Handling with PHP
Workshop	Flash Messages Using Slim
Course	Integrating PHP with Databases
Workshop	Introduction to PHP7
Course	Laravel 4 Basics
Workshop	MAC: Local PHP Dev Environment
Course	Nested CRUD with Laravel 4
Course	Object-Oriented PHP Basics
Course	PHP & Databases with PDO
Workshop	PHP & The Stripe API
Course	PHP Arrays and Control Structures
Course	PHP Basics
Course	PHP Functions
Course	PHP Standards and Best Practices
Course	PHP Testing
Course	PHP User Authentication
Workshop	Practice Including PHP with HTML
Workshop	Practice PHP Number Variables
Workshop	Practice PHP String Manipulation
Workshop	Practice PHP if/else Statements
Course	Using the GitHub API with PHP
Workshop	Windows: Local PHP Dev Environment



TYPE	TITLE
Course	Build a Social Network with Flask
Workshop	CSV and JSON in Python
Course	Customizing Django Templates
Course	Customizing the Django Admin
Course	Data Science Basics
Course	Dates and Times in Python
Workshop	Deploying Django: Heroku
Workshop	Deploying Django: PythonAnywhere
Course	Django Authentication
Course	Django Basics
Workshop	Django Channels 
Course	Django Class-based Views
Course	Django Forms
Course	Django ORM
Course	Django REST Framework
Workshop	Django Social Authentication
Course	Flask Basics
Course	Flask REST API
Workshop	Functional Programming with Python 
Course	Functional Python 
Workshop	Image Manipulation with Python
Course	Object-Oriented Python
Workshop	Practice Basic Math Calculations in Python
Workshop	Practice Using Strings and Lists in Python
Workshop	PyCharm
Course	Python Basics
Course	Python Collections
Workshop	Python Comprehensions
Workshop	Python Decorators
Workshop	Python File I/O
Course	Python Testing
Workshop	Python Type Hinting 
Course	Regular Expressions in Python





Python (continued)



TYPE	TITLE
Workshop	Setting Up a Local Python Environment (Mac)
Workshop	Setting Up a Local Python Environment (Windows)
Workshop	Slack Real-Time Messaging API 
Workshop	Tkinter
Course	Using Databases in Python
Workshop	Using the Requests Library
Workshop	What's New in Python 3.6?
Course	Write Better Python












Ruby



TYPE	TITLE
Course	ActiveRecord Basics
Workshop	Behavior-Driven Development with Cucumber 
Course	Blank Slates in Ruby on Rails 
Course	Build a Rails API
Course	Build an Address Book in Ruby
Course	Building Web Apps with Sinatra
Workshop	Creating Static Pages in Rails
Course	Deployment with Capistrano 
Workshop	Image Uploads in Ruby on Rails 4.1
Workshop	Install Rails in Production 
Workshop	Installing a Rails 5 Development Environment on Linux
Workshop	Installing a Rails 5 Development Environment on Mac
Workshop	Installing a Rails 5 Development Environment on Windows
Workshop	Installing a Ruby on Rails Development Environment in OS X
Workshop	Installing a Ruby on Rails Development Environment in Ubuntu
Workshop	Installing a Ruby on Rails Development Environment in Windows
Workshop	Introduction to Bundler
Workshop	Practice Input and Output in Ruby
Workshop	Practice Ruby Methods
Workshop	Practice Ruby Numeric Types
Workshop	Practice Strings in Ruby

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TYPE	TITLE
Workshop	Rails Application Walkthrough
Course	Rails Layouts and CSS Frameworks 
Course	Rails Partial and Helpers 
Course	Rails Routes and Resources
Workshop	Rails Servers with Unicorn and Nginx 
Workshop	Rails and PostgreSQL in Production 
Workshop	Ruby 2.0 Walkthrough
Course	Ruby Basics
Course	Ruby Blocks
Course	Ruby Booleans
Course	Ruby Collections
Course	Ruby Core and Standard Library
Workshop	Ruby Enumerable
Course	Ruby Gems
Course	Ruby Loops
Workshop	Ruby Metaprogramming Introduction 
Course	Ruby Modules
Workshop	Ruby Modules: Include and Extend 
Course	Ruby Objects and Classes
Course	Ruby Operators and Control Structures 
Course	Ruby on Rails 5 Basics
Course	Ruby on Rails Forms 
Workshop	Ruby on Rails Scaffolding
Course	The Rails Asset Pipeline and Styling 
Workshop	Troubleshooting a Rails Application
Workshop	Upgrading a Ruby on Rails Application 
Course	User Authentication with Rails 



TYPE	TITLE
Course	Introduction to Data Security

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Virtual Reality



TYPE	TITLE
Course	Locomotion in VR
Workshop	Performance Optimization
Course	Room-Scale VR
Course	User Interfaces in VR
Course	VR in Unity

Wordpress



TYPE	TITLE
Course	Build a Website with WordPress
Course	Customizing the WordPress Admin Area
Course	Ecommerce with WordPress and WooCommerce
Course	From Bootstrap to WordPress
Course	How to Build a WordPress Plugin
Course	How to Install WordPress on Your Computer
Course	Local WordPress Development
Course	PHP for WordPress
Course	SEO for WordPress
Course	The WordPress Template Hierarchy
Course	What Is WordPress?
Course	WooCommerce Theme Development
Course	WordPress Basics
Course	WordPress Customizer API
Course	WordPress Hooks - Actions and Filters
Course	WordPress Theme Development
Course	WordPress User Roles

See what's coming soon!

Check out our Content Roadmap at

teamtreehouse.com/roadmap

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