

SECTION	LECTURE	TITLE
1		Course Introduction
18 MB	1	Welcome to the Course
	2	Setting up Our Tools
2		JavaScript Language Basics
361 MB	1	Section Intro
	2	Let's start coding!
	3	A Brief Introduction to JavaScript
	4	Variables and Data Types
	5	Variable Mutation and Type Coercion
	6	Basic Operators
	7	Operator Precedence
	8	Coding Challenge 1
	9	Coding Challenge 1: Solution
	10	If / else Statements
	11	Boolean Logic
	12	The Ternary Operator and Switch Statements
	13	Truthy and Falsy Values and Equality Operators
	14	Coding Challenge 2
	15	Coding Challenge 2: Solution
	16	Functions
	17	Function Statements and Expressions
	18	Arrays
	19	Coding Challenge 3
	20	Coding Challenge 3: Solution
	21	Objects and Properties
	22	Objects and Methods
	23	Coding Challenge 4
	24	Coding Challenge 4: Solution
	25	Loops and Iteration
	26	Coding Challenge 5
	27	Coding Challenge 5: Solution, Part 1
	28	Coding Challenge 5: Solution, Part 2
	29	JavaScript Versions: ES5, ES6 / ES2015 and ES6+
3		How JavaScript Works Behind the Scenes
75 MB	1	Section Intro
	2	How Our Code Is Executed: JavaScript Parsers and Engines
	3	Execution Contexts and the Execution Stack
	4	Execution Contexts in Detail: Creation and Execution Phases and Hoisting
	5	Hoisting in Practice
	6	Scoping and the Scope Chain
	7	The 'this' Keyword
	8	The 'this' Keyword in Practice

SECTION	LECTURE	TITLE
4		JavaScript in the Browser: DOM Manipulation and Events
225 MB	1	Section Intro
	2	The DOM and DOM Manipulation
	3	5-Minute HTML and CSS Crash Course
	4	Project Setup and Details
	5	First DOM Access and Manipulation
	6	Events and Event Handling: Rolling the Dice
	7	Updating Scores and Changing the Active Player
	8	Implementing Our 'Hold' Function and the DRY Principle
	9	Creating a Game Initialization Function
	10	Finishing Touches: State Variables
	11	Coding Challenge 3
	12	Coding Challenge 3: Solution, Part 1
	13	Coding Challenge 3: Solution, Part 2
	14	Coding Challenge 3: Solution, Part 3
5		Advanced JavaScript: Objects and Functions
239 MB	1	Section Intro
	2	Everything Is an Object: Inheritance and the Prototype Chain
	3	Creating Objects: Function Constructors
	4	The Prototype Chain in the Console
	5	Creating Objects: Object.create
	6	Primitives vs. Objects
	7	First Class Functions: Passing Functions as Arguments
	8	First Class Functions: Functions Returning Functions
	9	Immediately Invoked Function Expressions (IIFE)
	10	Closures
	11	Bind, Call and Apply
	12	Coding Challenge 4
	13	Coding Challenge 4: Solution, Part 1
	14	Coding Challenge 4: Solution, Part 2
6		Putting It All Together: The Budget App Project
530 MB	1	Section Intro
	2	Project Setup and Details
	3	Project Planning and Architecture: Step 1
	4	Implementing the Module Pattern
	5	Setting up the First Event Listeners
	6	Reading Input Data
	7	Creating an Initialization Function
	8	Creating Income and Expense Function Constructors
	9	Adding a New Item to Our Budget Controller
	10	Adding a New Item to the UI
	11	Clearing Our Input Fields

SECTION	LECTURE	TITLE
	12	Updating the Budget: Controller
	13	Updating the Budget: Budget Controller
	14	Updating the Budget: UI Controller
	15	Project Planning and Architecture: Step 2
	16	Event Delegation
	17	Setting up the Delete Event Listener Using Event Delegation
	18	Deleting an Item from Our Budget Controller
	19	Deleting an Item from the UI
	20	Project Planning and Architecture: Step 3
	21	Updating the Percentages: Controller
	22	Updating the Percentages: Budget Controller
	23	Updating the Percentages: UI Controller
	24	Formatting Our Budget Numbers: String Manipulation
	25	Displaying the Current Month and Year
	26	Finishing Touches: Improving the UX
	27	We've Made It! Final Considerations
7		Next Generation JavaScript: Intro to ES6 / ES2015
305 MB	1	Section Intro
	2	What's new in ES6 / ES2015
	3	Variable Declarations with let and const
	4	Blocks and IIFEs
	5	Strings in ES6 / ES2015
	6	Arrow Functions: Basics
	7	Arrow Functions: Lexical 'this' Keyword
	8	Destructuring
	9	Arrays in ES6 / ES2015
	10	The Spread Operator
	11	Rest Parameters
	12	Default Parameters
	13	Maps
	14	Classes
	15	Classes with subclasses
	16	Coding Challenge 5
	17	Coding Challenge 5: Solution
8		Asynchronous JavaScript: Promises, Async/Await and AJAX
141 MB	1	Section Intro
	2	An Example of Asynchronous JavaScript
	3	Understanding Asynchronous JavaScript: The Event Loop
	4	The Old Way: Asynchronous JavaScript with Callbacks
	5	From Callback Hell to Promises
	6	From Promises to Async/Await
	7	AJAX and APIs

SECTION	LECTURE	TITLE
	8	Making AJAX Calls with Fetch and Promises
	9	Making AJAX Calls with Fetch and Async/Await
9		Modern JavaScript: Using ES6, NPM, Babel and Webpack
774 MB	1	Section Intro
	2	Project Overview
	3	An Overview of Modern JavaScript
	4	A Brief Introduction to the Command Line
	5	A Modern Setup: Installing Node.js and NPM
	6	A Modern Setup: Configuring Webpack
	7	A Modern Setup: The Webpack Dev Server
	8	A Modern Setup: Babel
	9	Planning our Project Architecture with MVC
	10	How ES6 Modules Work
	11	Making our First API Calls
	12	Building the Search Model
	13	Building the Search Controller
	14	Building the Search View - Part 1
	15	Building the Search View - Part 2
	16	Rendering an AJAX Loading Spinner
	17	Implementing Search Results Pagination
	18	Building the Recipe Model - Part 1
	19	Building the Recipe Controller
	20	Building the Recipe Model - Part 2
	21	Building the Recipe View - Part 1
	22	Building the Recipe View - Part 2
	23	Updating Recipe Servings
	24	Building the Shopping List Model
	25	Building the Shopping List View
	26	Building the Shopping List Controller
	27	Building the Likes Model
	28	Building the Likes Controller
	29	Building the Likes View
	30	Implementing Persistent Data with localStorage
	31	Wrapping up: Final Considerations
10		Conclusion
7 MB	1	Where to Go from Here
11		Bonus: A Node.js Crash Course
140 MB	1	A Quick Overview of Node.js
	2	The Laptop Store Project, Part 1
	3	The Laptop Store Project, Part 2