* **Module 1: Components**

1. Learn how to set up your coding environment.
2. Learn how to Render and transform lists with keys in React.
3. Distinguish between controlled and uncontrolled React components.
4. Create a controlled form component in React.
5. Share component state by lifting state up to the closest common ancestor.
6. Share global state using React Context.

* **Module 2: React Hooks and Custom Hooks**

1. Explain the uses and purpose of React hooks.
2. Detail the concept and nature of state and state change.
3. Use the State hook to declare, read and update the state of a component.
4. Use the Effect hook to perform side-effects within a React component.
5. Use hooks to fetch data in React.
6. Create appropriate custom hooks in React.

* **Module 3: JSX and Testing**

1. Define the types of children within JSX.
2. Describe the process and purpose of creating render props.
3. Describe the process and purpose of creating higher-order components.
4. Use Jest and the React Testing Library to write and perform tests on your applications.

* **Module 4: Graded Assessment**

1. Synthesize the skills from this course to create a portfolio.
2. Reflect on this course's content and on the learning path that lies ahead.