**Links for Express**

1. https://www.tutorialspoint.com/expressjs/index.htm
2. https://www.youtube.com/watch?v=L72fhGm1tfE&t=1828s Brad Traversy's Crash Course on Express on YouTube
3. https://www.youtube.com/playlist?list=PLp50dWW\_m40Vruw9uKGNqySCNFLXK5YiO another youtube tutorial By tutorial 20 he is also integrating with MongoDB
4. The Brad Dayley book – is in the Simmons Library. Chapters 18 and 19 are about Express.(Warning this book is from 2017, i.e. before url.parse() and querystring were made legacy.)
5. The Syed book https://learning.oreilly.com/library/view/beginning-nodejs/9781484201879/9781484201886\_Ch07.xhtml This book is from 2014
6. https://expressjs.com/ is the official site for express. Both the *Getting Started* and the *Guide* have very clear information and lots of examples.
7. https://www.youtube.com/watch?v=z7ikpQCWbtQ has a very clear video on Express
8. https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express\_Nodejs MDN has a multi-part tutorial on Express, including sections on Mongoose.
9. https://www.youtube.com/watch?v=D9umGZr6ykI&list=PLp50dWW\_m40Vruw9uKGNqySCNFLXK5YiO&index=15 modules 15-17 are on mongo and mongoose; earlier modules are on other parts of express.
10. https://www.youtube.com/watch?v=SccSCuHhOw0 has a fast video on Express.
11. https://www.youtube.com/watch?v=pKd0Rpw7O48 Mosh Hamedi has a video on Express.
12. The official documentation on app methods is at https://expressjs.com/en/api.html
13. Great examples are at https://www.geeksforgeeks.org/express-js-express-json-function/ (see other methods in left nav panel) and https://www.geeksforgeeks.org/express-js-app-use-function/?ref=gcse and https://www.geeksforgeeks.org/express-js-req-body-property/
14. https://expressjs.com/en/resources/middleware/body-parser.html has the official description of body-parser, but this appears to be a moving target. See also https://www.geeksforgeeks.org/express-js-req-body-property/ and https://stackoverflow.com/questions/55558402/what-is-the-meaning-of-bodyparser-urlencoded-extended-true-and-bodypar and https://www.tutorialspoint.com/req-params-property-in-express-js
15. <https://stackoverflow.com/questions/66985959/node-how-to-get-post-request-params-and-then-redirect-user-in-express?noredirect=1&lq=1> How to retreive get and post paramters – not using legacy code – in Express.

**Links for Handlebars**

1. https://blog.logrocket.com/top-express-js-template-engines-for-dynamic-html-pages/ has a great introduction to the most popular template engines.
2. <https://stackabuse.com/guide-to-handlebars-templating-engine-for-node/> (Hence it compiltes the templates.)
3. <https://stackabuse.com/guide-to-handlebars-templating-engine-for-node/> has a guide for server side use (e.g. in Express.)
4. Another easy way to start is at https://codingsrc.com/node-js-express-hbs-tutorial-handlebars/#:~:text=What%20is%20Handlebars%3F%201%20Setup%20a%20Project.%20Before,and%20Style%20Web%20Pages.%20...%20More%20items...%20
5. The official tutorial is at https://handlebarsjs.com/guide/#what-is-handlebars
6. The official documentation is at https://github.com/ericf/express-handlebars and it will also help you get started.
7. https://www.youtube.com/watch?v=Q4vLBzU3h4k has a clear tutorial.
8. https://www.geekstrick.com/create-website-with-handlebars-express-nodejs/#Folder\_Structure\_For\_App\_and\_Express\_Handlebars\_Templates has nice examples, hampered by poor english.
9. A video with pretty much everything you need to know is at https://www.youtube.com/watch?v=hh45sR9WNH8
Note: BodyParser is now part of Express, so he doesn't need to require it separately.
10. Once you learn a little, you can see it all put together at https://www.youtube.com/watch?v=HxJzZ7fmUDQ&t=331s
11. https://www.youtube.com/watch?v=2sXjmewEQOY&list=PLtV5RF44Yj8S4RcpQehL-2XMuVsJXwNvK&index=1 is a 2016 tutorial oriented towards client side work, and https://www.youtube.com/watch?v=DehuHjZ8V8I is a 20 0 tutorial oriented to client side work.
12. Minutes 58ff of Brade Traversy's video on Express at https://www.youtube.com/watch?v=L72fhGm1tfE also has an intro to handlebars.
13. In VS Code there may be formatting issues for partials. See https://stackoverflow.com/questions/70545143/what-visual-studio-code-formatter-can-i-use-to-format-hbs-handlebars-files and https://stackoverflow.com/questions/70031052/how-to-solve-handlebar-partials-are-not-supported-in-vs-code

**Strictly on Node with MongoDB**

1. https://attacomsian.com/blog/nodejs-mongodb-local-connection is an excellent start to using a local version of MongoDB with either the MongoClient or Mongoose; instructions and examples.
2. https://www.npmjs.com/package/mongodb the official information about the mongodb package has plenty of basic informtation and examples to get you started.
https://www.npmjs.com/package/mongoose is the comparable site for Mongoose.
3. https://flaviocopes.com/node-mongodb/ has a similar good introduction.
4. https://www.tutorialspoint.com/expressjs/expressjs\_database.htm on interfacing with a mongo database using mongoose.
5. https://www.youtube.com/watch?v=D9umGZr6ykI&list=PLp50dWW\_m40Vruw9uKGNqySCNFLXK5YiO&index=15 modules 15-17 are on mongo and mongoose
6. https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express\_Nodejs/mongoose The MDN section on Mongoose
7. http://mongodb.github.io/node-mongodb-native/3.6/api/ and http://mongodb.github.io/node-mongodb-native/3.6/api/MongoClient.html have the api information for the mongodb package and MongoClient respectively; a lot of advanced detail.

**On other related items**

1. **On Postman** You can get postman at http://getpostman.com For learning to use it try see https://learning.postman.com/docs/getting-started/introduction/ or more simply https://www.youtube.com/watch?v=FjgYtQK\_zLE
Should you want to go deeper, the same person has a longer, newer tutorial at https://www.youtube.com/watch?v=VywxIQ2ZXw4

1. **On nodemon**https://www.digitalocean.com/community/tutorials/workflow-nodemon is a good, short clear explanation.
**https://rapidevelop.org/javascript/using-nodemon-with-nodejs-apps**goes a little further.
2. **On the error first way** https://fredkschott.com/post/2014/03/understanding-error-first-callbacks-in-node-js/ an old but worthwhile article.