Reference Suggestions from John Donoghue – *EFT of Gravity*

Two of my previous lectures that are directly relevant are:

https://inspirehep.net/record/1185767?ln=en

https://inspirehep.net/record/403510?ln=en

And my original paper on the topic is

https://inspirehep.net/record/38129?ln=en

Then there is Cliff's introduction:

https://inspirehep.net/record/633974?ln=en

For folks interested in effective field theory in more general settings, I of course recommend our book -Dynamics of the Standard Model

http://www.cambridge.org/gb/academic/subjects/physics/particle-physics-and-nuclear-physics/dynamics-standard-model-2nd-edition?format=HB#E8SfsEyjteUWYYot.97

And for folks more interested in gravity, I have a longer set of lectures with a somewhat more theoretical focus

https://inspirehep.net/record/1511669?ln=en

Reference Suggestions from Gabriele Vajente – *Gravitational Waves Experiments*

An old but still good introduction to GW detectors:
Peter R. Saulson "Fundamentals of Interferometric Gravitational Wave Detectors", World Scientific (1994)

A collection of lectures on more advanced and recent topics:
Massimo Bassan, editor "Advanced Interferometers and the Search for Gravitational Waves", Springer (2014)

The first discovery paper:
B. P. Abbott et al. "Observation of Gravitational Waves from a Binary Black Hole Merger"
PRL 116, 061102 (2016)

The binary neutron star discovery paper:
B. P. Abbott et al. "GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral", PRL 119, 161101 (2017)

A good and brief introduction to the Advanced LIGO detectors
B. P. Abbott et al. “GW150914: The Advanced LIGO Detectors in the Era of First Discoveries”, Phys. Rev. Lett. 116, 131103 – Published 31 March 2016

Another introduction to GW detectors, with a bit of historical perspective
Pitkin, M., Reid, S., Rowan, S. et al. “Gravitational Wave Detection by Interferometry (Ground and Space)”, Living Rev. Relativ. (2011) 14: 5. https://doi.org/10.12942/lrr-2011-5