

Weekly Schedule

The schedule below is subject to changes! See the public course webpage

bueler.github.io/fa/

for **Homework** and **Exam** details. Homework is due at the start of class. Textbook¹ sections are in black. Note some **deadlines**. Classes are MWF 2:15–3:15 in Chapman 107.

| Week | Dates | M | W | F |
|-----------|-----------|----------------------------------|---|---------------------------------------|
| 1 | 1/15–1/19 | <i>AK Civil Rights Day</i> | intro | 2.1, 2.2 |
| 2 | 1/22–1/26 | handout | cont. | cont. <i>Assign 1 due add/drop</i> |
| 3 | 1/29–2/2 | cont. | 2.4 | cont. |
| 4 | 2/5–2/9 | cont. | 2.3 | cont. |
| 5 | 2/12–2/16 | cont. <i>Assignment 2 due</i> | cont. | cont. |
| 6 | 2/19–2/23 | cont. | 2.6 | <i>Assignment 3 due</i> |
| 7 | 2/26–3/1 | cont. | 2.7 | cont. |
| 8 | 3/4–3/8 | cont. | QM axioms <i>Assignment 4 due</i> | cont. |
| 9 | 3/11–3/15 | <i>Spring Break</i> | <i>Spring Break</i> | <i>Spring Break</i> |
| 10 | 3/18–3/22 | cont. | Midterm Quiz | 3.1 |
| 11 | 3/25–3/29 | cont. | 3.2 | cont. <i>withdraw</i> |
| 12 | 4/1–4/5 | 3.3 <i>Assignment 5 due</i> | cont. | 3.4 |
| 13 | 4/8–4/12 | 4.1 | cont. <i>Assignment 6 due</i> | 4.2 |
| 14 | 4/15–4/19 | cont. | 4.3 | 5.1 |
| 15 | 4/22–4/26 | 5.1 <i>Assignment 7 due</i> | 5.2 | 5.3 |
| 16 | 4/29–5/3 | | <i>Assignment 8 due</i> <i>5:00 pm Thurs 5/2</i> | Final Quiz 1:00–3:00pm |

¹Borthwick, *Spectral Theory*, Springer 2020