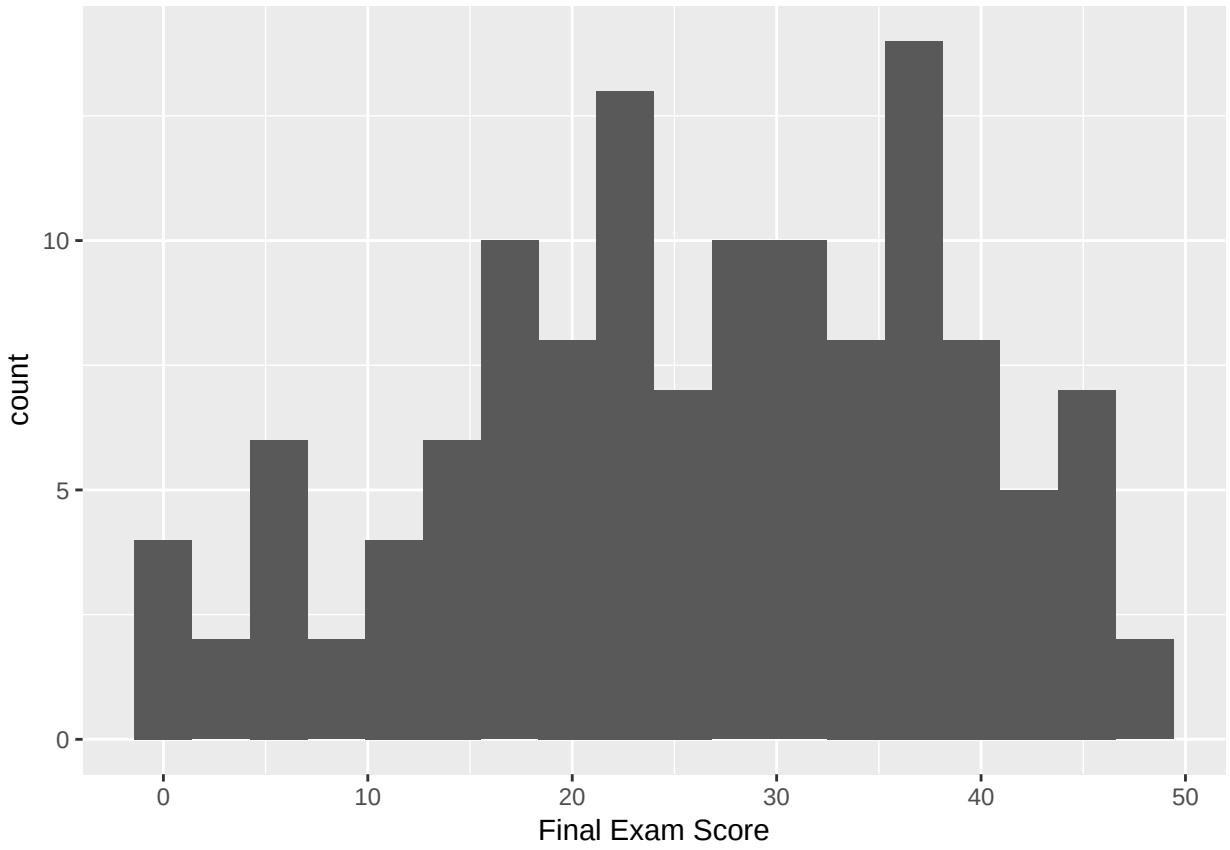
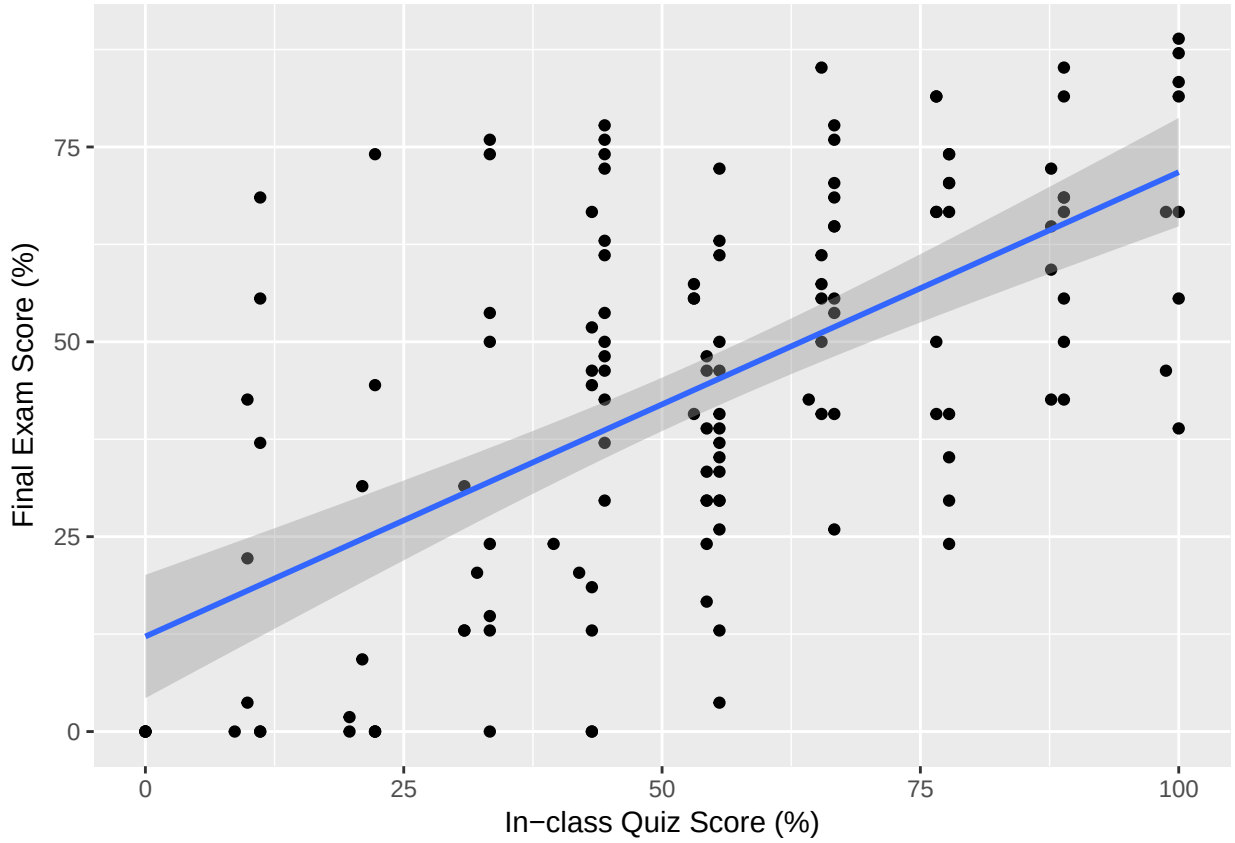
Course Summary

Final Exam




```
##      Final
##  Min.   : 0.00
##  1st Qu.:17.25
##  Median :27.00
##  Mean   :26.06
##  3rd Qu.:36.00
##  Max.   :48.00
##  NA's   :11
```

Course Attendance vs Final Exam Performance




```
summary(lm(Final~Homework, data = Grades))
```

```
##
## Call:
## lm(formula = Final ~ Homework, data = Grades)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.41583 -0.15657  0.00904  0.13920  0.49708
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  0.12191    0.03997   3.050  0.00276 **
## Homework     0.59573    0.06682   8.915 2.98e-15 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.2005 on 135 degrees of freedom
## Multiple R-squared:  0.3706, Adjusted R-squared:  0.3659
## F-statistic: 79.48 on 1 and 135 DF,  p-value: 2.983e-15
```

The quizzes were graded with a low bar, so a rough interpretation is that every missed class is associated with a 6% reduction in your score on the final exam.

Course Grade Distribution

I don't report D and below because of the large number of 'soft drops' at PSU. As promised, about 30% As and 30% Bs.

```
table(Grades$Grade)[1:9]
```

```
##
##  A A-  B B- B  B+ C- C  C+
## 30  7  1  6 28  6  4 19  5
```