

Lab3/Semaphore.h

```
graph TD; A[Lab3/Semaphore.h] --> B[mutex]; A --> C[condition_variable]; A --> D[chrono];
```

The diagram illustrates a header file structure. At the top, a gray box labeled 'Lab3/Semaphore.h' has three blue arrows pointing downwards to three separate white boxes. The first box on the left is labeled 'mutex', the middle box is labeled 'condition_variable', and the box on the right is labeled 'chrono'. This indicates that the 'Lab3/Semaphore.h' header file defines or includes these three components.

mutex

condition_variable

chrono