

## AST101 - BRIGHTEST STARS

| STAR       | RA |    | DEC |    | Magnitude | Magnitude | Distance    |
|------------|----|----|-----|----|-----------|-----------|-------------|
|            | h  | m  | °   | '  | Apparent  | Absolute  | light-years |
| Aldebaran  | 4  | 36 | 16  | 30 | 0.87      | -0.8      | 65          |
| Rigel      | 5  | 15 | -8  | 12 | 0.18      | -6.6      | 773         |
| Capella    | 5  | 17 | 46  | 00 | 0.08      | -0.8      | 42          |
| Betelgeuse | 5  | 55 | 7   | 24 | 0.45      | -5.0      | 522         |
| Sirius     | 6  | 45 | -16 | 43 | -1.44     | 1.5       | 9           |
| Castor     | 7  | 35 | 31  | 53 | 1.58      | 0.0       | 52          |
| Procyon    | 7  | 40 | 5   | 13 | 0.41      | 2.8       | 11          |
| Pollux     | 7  | 46 | 28  | 01 | 1.16      | 1.1       | 34          |
| Regulus    | 10 | 09 | 11  | 58 | 1.36      | -0.6      | 77          |
| Spica      | 13 | 25 | -11 | 09 | 0.98      | -3.6      | 262         |
| Arcturus   | 14 | 16 | 19  | 11 | -0.05     | -0.6      | 37          |
| Antares    | 16 | 30 | -26 | 26 | 1.06      | -5.8      | 604         |
| Vega       | 18 | 37 | 38  | 47 | 0.03      | 0.6       | 25          |
| Altair     | 19 | 51 | 8   | 52 | 0.76      | 2.1       | 17          |
| Deneb      | 20 | 42 | 45  | 17 | 1.25      | -7.5      | 1467        |
| Fomalhaut  | 22 | 58 | -29 | 37 | 1.17      | 1.6       | 25          |
| Sun        |    |    |     |    | -26.75    | 4.8       | 8 lmin      |
| Moon       |    |    |     |    | -12.7     |           | 1.3 lsec    |