MAS4301/3249 Abstract Algebra (Dr Sin) Fall, 2013

| Monday | Tuesday |  | Wednesday | Thursday | Friday |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Aug 19th 1 | 20th | 2 | 21st  <br> Preliminaries $\mathbf{3}$ | 22nd 4 | 23rd <br> Symmetries of a square |
| 26th Def. of Groups | 27th <br> End of Drop/ | 7 | 28th 8 <br> Examples  | 29th 9 | 30th $\mathbf{1 0}$ <br> Examples,first  <br> properties.  |
| Sep 2nd <br> Labor Day | 3rd | 11 | 4th <br> Discussion <br> Rosh HaShanah (at <br> sundown) | 5th 13 Rosh HaShanah (year 5774) | 6th <br> Finite groups <br> Rosh HaShanah |
| 9th  <br> Subgroups 15 | 10th | 16 | 11th  <br> Examples $\mathbf{1 7}$ | 12th 18 | 13th $\mathbf{1 9}$ <br> Discussion  |
| 16th Cyclic groups | 17th | 21 | 18th $\mathbf{2 2}$ <br> Cyclic groups  <br> Sukkot begins  | 19th 23 | 20th 24 <br> Discussion |
| 23rd $\mathbf{2 5}$ <br> Test 1  | 24th | 26 | 25th $\mathbf{2 7}$ <br> Perm. groups  | 26th 28 | 27th $\mathbf{2 9}$ <br> Perm. groups  |
| 30th $\mathbf{3 0}$ <br> Discussion  | Oct 1st | 31 | 2nd $\quad 32$ Isomorphism | 3rd 33 | 4th $\mathbf{3 4}$ <br> Cayley's Thm. |
| 7th $\mathbf{3 5}$ <br> Cosets  | 8th | 36 | 9th  <br> Lagrange $\mathbf{3 7}$ | 10th 38 | 11th 39 <br> Discussion |
| 14th Direct products Yom Kippur | 15th | 41 | 16th 42 Direct products | 17th 43 | 18th $\mathbf{4 4}$ <br> Discussion  |
| 21st $\mathbf{4 5}$ <br> Test 2  | 22nd | 46 | 23rd $\quad 47$ Normal subgroups | 24th 48 | 25th 49 Normal subgroups Sukkot ends |
| 28th $\mathbf{5 0}$ <br> Factor groups  | 29th | 51 | 30th 52 Homomorphisms | 31st 53 | Nov 1st <br> Discussion <br> DST ends Sunday |
| 4th 55 Homomorphisms Islamic New Year (1435) | 5th | 56 | 6th $\mathbf{5 7}$ <br> Discussion  | 7th 58 | $\qquad$ |
| $\begin{gathered} \text { 11th } \\ \hline \text { Veterans Day } \\ \quad(\text { observed }) \\ \hline \end{gathered}$ | 12th | 59 | 13th 60 <br> Fund. Thm. <br> Abelian grps. | 14th 61 | 15th <br> Fund. Thm. <br> Abelian grps. |
| 18th <br> Fund. Thm. <br> Abelian grps. | 19th | 64 | 20th $\quad 65$ Discussion | 21st 66 | 22nd $\mathbf{6 7}$ <br> Discussion  |
| 25th $\quad \mathbf{6 8}$ Test3 | 26th | 69 | 27th <br> Thanksgiving Hanukkah begins | $\frac{28 \text { th }}{\text { Thanksgiving }}$ | $\frac{\text { 29th }}{\text { Thanksgiving }}$ |
| Dec 2nd 70 <br> Rings  | 3rd | 71 | 4th $72$ <br> Rings | 5th $73$ <br> Hanukkah ends | 6th $74$ <br> Reading/Review Day |

