


| 8 | 04.11 .22 <br> 07.11 .22 | Resolution of Vectors into Components, Scalar Product of Vectors | p. 65-71 |  |  |
| :--- | :--- | :--- | :--- | :---: | :---: |
| 9 | 11.11 .22 <br> 14.11 .22 | Midterm Exam <br> Vector Product, The Scalar Triple Product, | p. 72-77 |  |  |
| 10 | 18.11 .22 <br> 21.11 .22 | Transformation of Coordinates Under Rotation of the <br> Coordinate System | p. 79-81 |  |  |
| 11 | 25.11 .22 <br> 28.11 .22 | Straight lines: Equations of lines, Lines in a Plane, Angle Between <br> Two Lines | Quiz (7 pts) <br> 1202.12 .22 <br> 05.12 .22 |  |  |
| 13 | Distance From a Point to a Line, Relative Position of Lines <br> 12.12 .22 | Planes: General Equation of a Plane, Equation of a Plane Passing <br> Through Three Points, Other Forms of Equations of a Plane | p. 91-95 |  |  |
| 14 | 16.12 .22 <br> 19.12 .22 | Angle Between Two Planes, Distance Between a Point and a Plane | p. 95-97 |  |  |
| 15 | 23.12 .22 <br> 26.12 .22 | Relative Position of Planes, Relative Position of a Plane and a Line, <br> Angle Between a Plane and a Line | Quiz (7 pts) |  |  |
|  | TBA | Final Exam |  |  |  |

This syllabus is a guide for the course and any modifications to it will be announced in advance.

