Universidad
Carlos III de Madrid
www.uc3m.es

## COURSE: Linear Algebra

DEGREE: Bachelor's Degree in Telematics Engineering
(*4, see Notes at the end) sessions along 14 weeks.

| WEEKLY PLANNING |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | UPS |  |  | WEEKLY PROGRAMMING FOR STUDENTS |  |  |
| $\begin{aligned} & \text { WE } \\ & \text { EK } \end{aligned}$ | $\begin{aligned} & \text { SES } \\ & \text { SIO } \\ & \text { N } \end{aligned}$ | DESCRIPTION | LECTURES | SEMINARS | $\begin{gathered} \# \\ 1 \end{gathered}$ | $\begin{aligned} & \# \\ & 2 \end{aligned}$ | DESCRIPTION | CLASS HOURS (*5, see Notes at the end) | $\begin{array}{\|l} \hline \text { HOMEW } \\ \text { ORK } \\ \text { HOURS } \\ \text { (Max. } \\ 7 \mathrm{~h} \\ \text { week) } \\ \hline \end{array}$ |
| 1 | 1 | Presentation Complex numbers | x |  |  |  | Book study (* 1 , see Notes at the end) | 1,66 | 7 |
| 1 | 2 | Selected exercises ( ${ }^{\text {2, }}$, see Notes at the end) |  | X |  |  | Odd numbered exercises. Compare with solutions (*3) | 1,66 |  |
| 2 | 3 | Complex numbers | X |  |  |  | Book study (* 1 , see Notes at the end) | 1,66 | 7 |
| 2 | 4 | Selected exercises ( ${ }^{\text {2 }}$, see Notes at the end) |  | X |  |  | Odd numbered exercises. Compare with solutions (*3) | 1,66 |  |
| 3 | 5 | 1.1 Systems of linear equations (Lay 1.1, see Notes at the end) 1.2 Row Reduction and Echelon Form | X |  |  |  | Book study (*1, see Notes at the end) | 1,66 | 7 |





Notes:
(Lay 1.3) Section of D. C. Lay's book containing the material covered in the corresponding session.
(*1) Study the corresponding sessions in D. C. Lay's book
(*2) Selected exercises from D. C. Lay's book corresponding to the previous lecture in large group
(*3) Do some of the odd numbered exercises in D. C. Lay's book corresponding to the previous lecture in large group and compare with the solutions in the book
(*4) There are 29 sessions. 15 of theory, 14 of exercises. The extra theory session occurs (due to the university schedules) on week 6.
(*5) 1,66 hours (in fact $10 / 6$ ) corresponds to 100 minutes each session.
\#1 SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)
\#2 Indicate YES/NO If the session needs 2 teachers

