| EIEN41 Course Content Distribution, Autumn 2020 |       |         |          |                  |               |               |            |                                                                         | Book<br>Chapters |
|-------------------------------------------------|-------|---------|----------|------------------|---------------|---------------|------------|-------------------------------------------------------------------------|------------------|
| Lect<br>#                                       | Exc#  | HA1     | HA2      | Calender<br>Week | Date          | Time          | Location   | Contents                                                                |                  |
| 1                                               |       |         |          |                  | 2020-09-01    | 15:15 - 17:00 | Zoom       | Introduction to Electro Mobility                                        | -                |
| 2                                               |       |         |          | 36               | 2020-09-02    | 10:15 - 12:00 | Zoom       | Veh dynamics, the ideal vehicle + some non-ideal components and systems | 2                |
| 3                                               |       |         |          | ] 30             | 2020-09-03    | 15:15 - 17:00 | Zoom       | More non-ideal components + some (H)EV components                       | 3.1-3.5          |
| 4                                               |       | #1 Out  |          |                  | 2020-09-04    | 10:15 - 12:00 | Zoom       | Simulation and Home Assignment 1 presentation                           | 3.1-3.5          |
|                                                 |       |         |          | 37               | 2020-09-09    | 08:15 - 10:00 | Zoom       | Support on Home assignment 1                                            |                  |
|                                                 | 1 [   |         |          |                  | 2020-09-09    | 10:15 - 12:00 | Zoom       |                                                                         |                  |
|                                                 |       |         |          |                  | 2020-09-11    | 10:15 - 12:00 | KC:M Em4-5 |                                                                         |                  |
| 5                                               |       |         |          | 38               | 2020-09-15    | 15:15 - 17:00 | Zoom       | Parallel and series hybrids, modelling and control                      | 3.6-3.10         |
| 6                                               |       |         |          |                  | 2020-09-16    | 10:15 - 12:00 | Zoom       | Full electric vehicles + Charging concepts                              |                  |
| 7                                               |       |         | # 2 out  |                  | 2020-09-18    | 13:15 - 15:00 | Zoom       | Home assigment 2: handout                                               |                  |
|                                                 |       | #1 back |          | 39               | 2020-09-23    | 08:15 - 10:00 | KC:M Em4-5 | Support on Home Assignment 2                                            |                  |
|                                                 | 2     |         |          |                  | 2020-09-24    | 13:15 - 15:00 | KC:M Em4-5 |                                                                         |                  |
|                                                 |       |         |          |                  | 2020-09-25    | 10:15 - 12:00 | KC:M Em4-5 |                                                                         |                  |
| 8                                               |       |         |          | 40               | 2020-10-01    | 10:15 - 12:00 | Zoom       | Charging continued                                                      |                  |
| 9                                               |       |         |          | 1 70             | 2020-10-02    | 10:15 - 12:00 | Zoom       | Cost modelling - a societal perspective                                 |                  |
|                                                 |       |         |          |                  | 2020-10-06    | 09:00 - 15:00 | TBD        | Study tour to industry                                                  |                  |
|                                                 | 3     |         | 41       | 2020-10-07       | 08:15 - 10:00 | KC:M Em4-5    |            |                                                                         |                  |
|                                                 | l ĭ l |         |          | 1 7'             | 2020-10-07    | 10:15 - 12:00 | KC:M Em4-5 | Support on Home Assignment 2                                            |                  |
|                                                 |       |         |          |                  | 2020-10-08    | 13:15 - 15:00 | KC:M Em4-5 |                                                                         |                  |
| 10                                              |       |         |          | 42               | 2020-10-14    | 13:15 - 15:00 | Zoom       | Auxilliary loads and Electric Safety                                    | 4                |
| 11                                              |       |         |          |                  | 2020-10-14    | 15:15 - 17:00 | Zoom       |                                                                         |                  |
|                                                 | ] ]   |         |          |                  | 2020-10-18    | 08:15 - 10:00 | KC:M Em4-5 | Support on Home Assignment 2                                            |                  |
|                                                 | 4     |         |          |                  | 2020-10-18    | 10:15 - 12:00 | KC:M Em4-5 |                                                                         |                  |
|                                                 |       |         | # 2 back | 2020-10-18       | 15:15 - 17:00 | KC:M Em4-5    |            |                                                                         |                  |
|                                                 |       |         |          | 44               | 2020-10-23    | 08:00 - 13:00 | MA 10G     | Written examination - Internet based examination to be expected!        |                  |