Meeting 1st – year students EE/AT

Halfway through Q1

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Department of Electrical Engineering
Topics to be discussed

• Studying @TU/e
• Coaching
• Professional Development
A simple calculation

• 60 credits to gain per year

• 1 credit equals 28 hours of study

• 1 course is worth 5 credits
  • 5 x 28 = 140 hours effort per course

• 1 quarter consists of 10 weeks
  • 14 hours effort per course per week
  • For 3 courses this makes 42 hours!

• 1 course has a maximum of 8 contact hours per week

• This implies a minimum of 6 hours self study/group work per course per week
What’s your mindset?

Example: 20% midterm – 80% final test

**Mindset 1:**
Midterm: 5.1 through hard work
Final test: 7.3 through proper preparation
Final grade: 0.2*5.1 + 0.8*7.3 = 6.9 → 7

PASS 😊

**Mindset 2:**
Midterm: 9.2 through other’s hard work
Final test: 4.3 as a result of bad preparation
Final grade: 0.2*9.2 + 0.8*4.3 = 5.3 → 5

FAIL 😞
Coaching activities in year 1

• Meetings with your student mentor
  • Choosing your first electives

• Career orientation with THOR
  • Field trips and lunch lectures
Coaching activities in year 2/3

• Meetings with your teacher coach
  • About the disciplines within EE/AT
  • About your professional career
  • About chosen electives

• Career orientation
  • Field trips and lunch lectures
  • Career Days
Choosing your first electives

• OER, Article 3.7.1: 
  *In the first year of the degree program students must add the two elective components in the first year by October 12, 2019, by means of the PlanApp, thus incorporating this component into their program of examinations.*

• OER, Article 3.8.2: 
  *For study components there is a registration deadline of up to five working days before the first quarter and twenty working days before the second, third and fourth quarter. For Q2 this means the registration deadline is on October 13, 2019*
# Time slots & PlanApp

<table>
<thead>
<tr>
<th>Time Slot</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>1+2 (8:45-10:30)</td>
<td>A1</td>
<td>C1</td>
<td>B1</td>
<td>E1</td>
<td>D1</td>
</tr>
<tr>
<td>3+4 (10:45-12:30)</td>
<td>A2</td>
<td>C2</td>
<td>B2</td>
<td>E2</td>
<td>D2</td>
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<tr>
<td>5+6 (13:45-15:30)</td>
<td>B1</td>
<td>E1</td>
<td>D1</td>
<td>A1</td>
<td>C1</td>
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<tr>
<td>7+8 (15:45-17:30)</td>
<td>B2</td>
<td>E2</td>
<td>D2</td>
<td>A2</td>
<td>C2</td>
</tr>
<tr>
<td>9+10 (18:15-20:00)</td>
<td>E3</td>
<td>B3</td>
<td>A3</td>
<td>D3</td>
<td>C3</td>
</tr>
</tbody>
</table>

[Osirisplanapp.tue.nl](http://Osirisplanapp.tue.nl)
About your electives

• You have 12 electives (USE included), 60 credits in total
• 2 electives to choose in October, 10 in May
• EE/AT coherent packages also listed in our departmental studyguides
• Requirements:
  • 2 coherent packages (≥25 credits) in final study package
  • 2 DBL projects (max. 1 DBL Level 1)
  • 1 USE track
• Blacklisted courses in OER
• Not all electives are in English
Professional Development

- 6 Professional skills / 3 levels
  - Collaboration
  - Presentation skills
  - Writing
  - Reflection
  - Planning & Organization
  - Information skills
- Embedded in major courses and DBL electives
- To prepare you for your professional career
- Canvas page ➔ Digital portfolio
- Feedback is key
Some useful documents

educationguide.tue.nl

- Practical information about your studies → including downloadable PDF
  - Electrical Engineering
  - Automotive Technology

- OER (Program & Examination Regulations) → PDF
What’s next?

• Check A-Z Elective Packages

• Check our Osiris Course offerings

• Check required prior knowledge

• Talk to your student mentor a lot!

• Check time slots (most electives are in C/D/E) → Use Osiris PlanApp!
Support

- Personal issues: student mentor / academic advisor
- Planning issues: student mentor / academic advisor
- Major program issues: Student Body / program director
- Grade issues: professor / student administration (CSA)
- Career issues: teacher coach (Year 2)
- Activities: THOR
Take action!