



Delft University of Technology

## Employability of Future Engineers: curriculum elements

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### Publication date

2019

### Document Version

Final published version

### Citation (APA)

Leandro Cruz, M., Saunders, G., & Groen, P. (2019). *Employability of Future Engineers: curriculum elements*. Poster session presented at SEFI 2019: 47th SEFI Annual Conference in Budapest, Budapest, Hungary.

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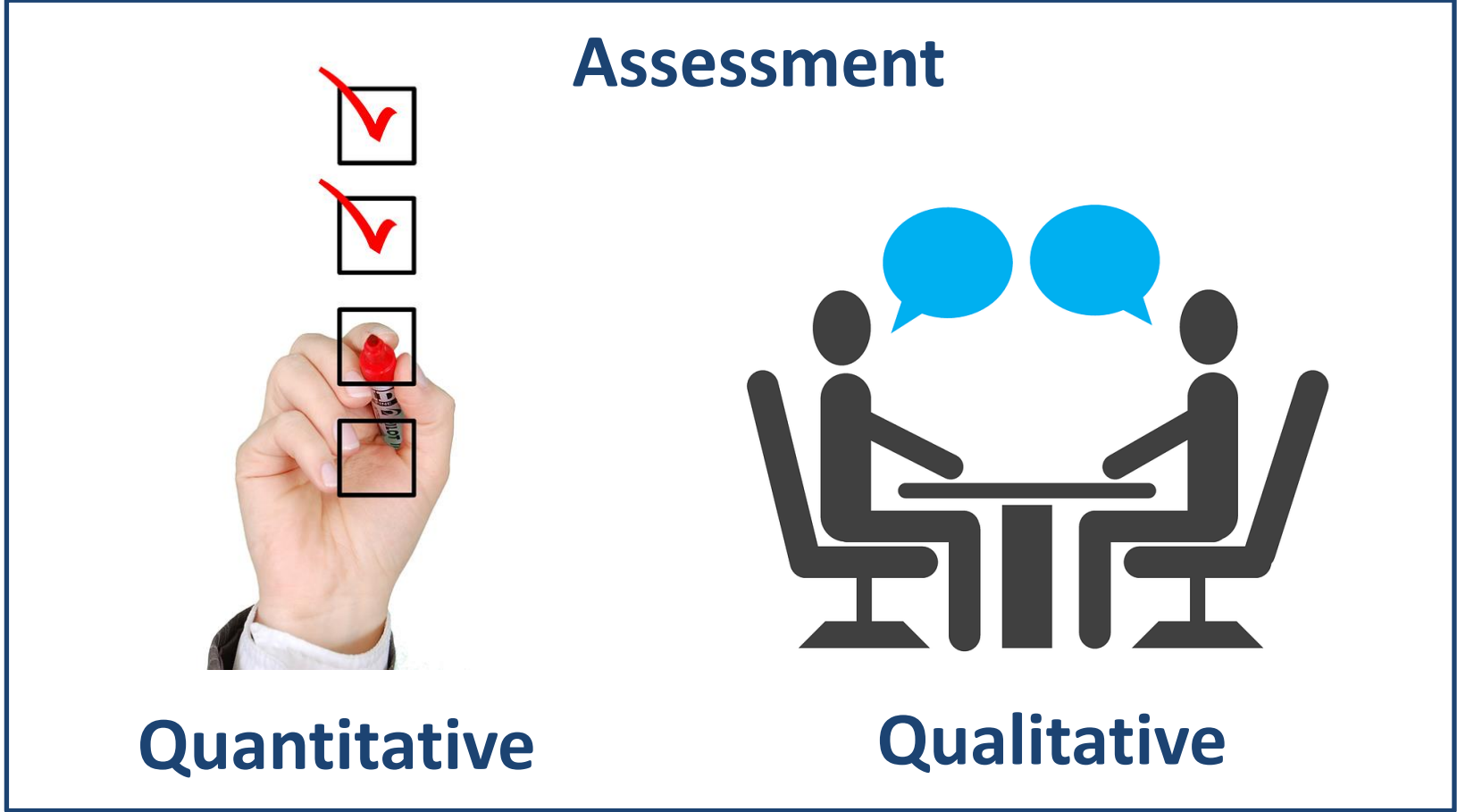
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# Employability of Future Engineers: curriculum elements

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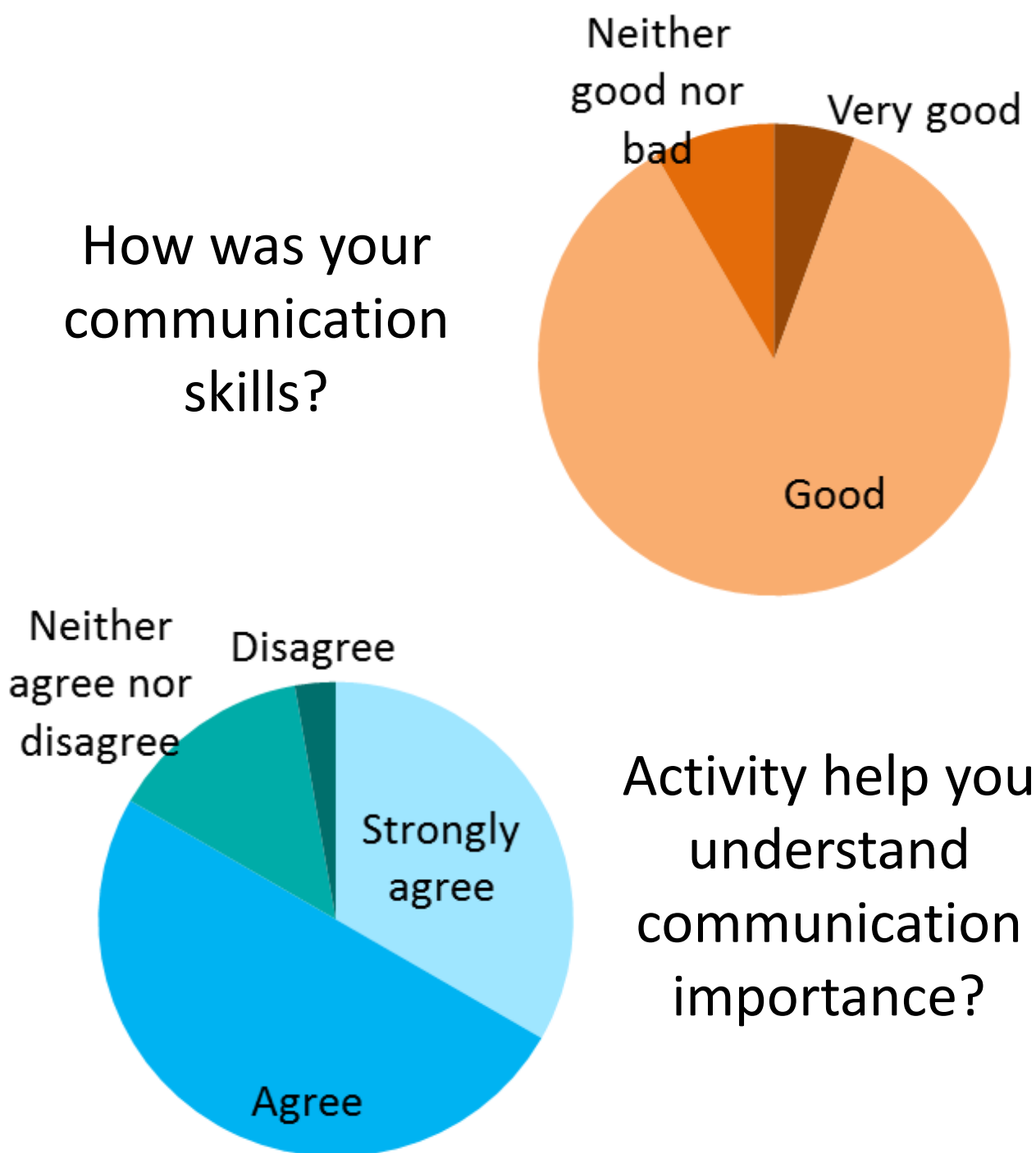


|       |                                                 |
|-------|-------------------------------------------------|
| WHAT  | Develop curriculum elements                     |
| WHY   | Prepare for labour market                       |
| WHO   | Engineering Master students                     |
| WHERE | 3 universities: TU Delft, KU Leuven & TU Dublin |
| HOW   |                                                 |



## 1 Chinese Whisper with a Twist: 1 hour activity

|                                                                 |                                                                            |                                                       |
|-----------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------|
| Role A (1/2 students)                                           | Role B (1/2 students)                                                      | Role C (1/2 student)                                  |
| Have access to image during 10 min                              | Receive the verbal description of 2 min and cannot ask questions to role A | Can <u>only ask questions</u> to role B during 10 min |
| Can <u>only describes verbally</u> the image to role B in 2 min | Can <u>only respond verbally</u> to role C during 10 min                   | Have to draw the image given to role A (2 min)        |



## 2 Reflections: 20 min exercise



Learning expectations from the course

Possible contribution to students future career

Pre and Post Reflections

Learning from the course

Contribution to students future career

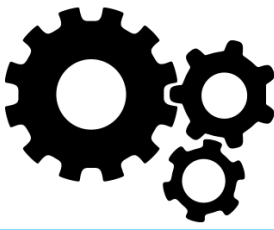
Strengths and points to improve



## 3 Innovation Bootcamp: 1 week course



Design and build your product



Optimise the efficiency of your product



Convey your product



| Pros                                        |
|---------------------------------------------|
| Awareness of engineering roles              |
| Authentic experience of engineering careers |
| Development of competencies                 |

| Cons                   |
|------------------------|
| Low attendance         |
| Wide assignment        |
| Lack of work reporting |

### Future work:

## 4 Help I'm being interviewed: 2-hours 2-workshops

