

# THE DUAL TYPE OF TRAINING MODEL AT KECSKEMÉT COLLEGE

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**SZÉCHENYI**  2020



MAGYARORSZÁG  
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**BEFEKTETÉS A JÖVŐBE**

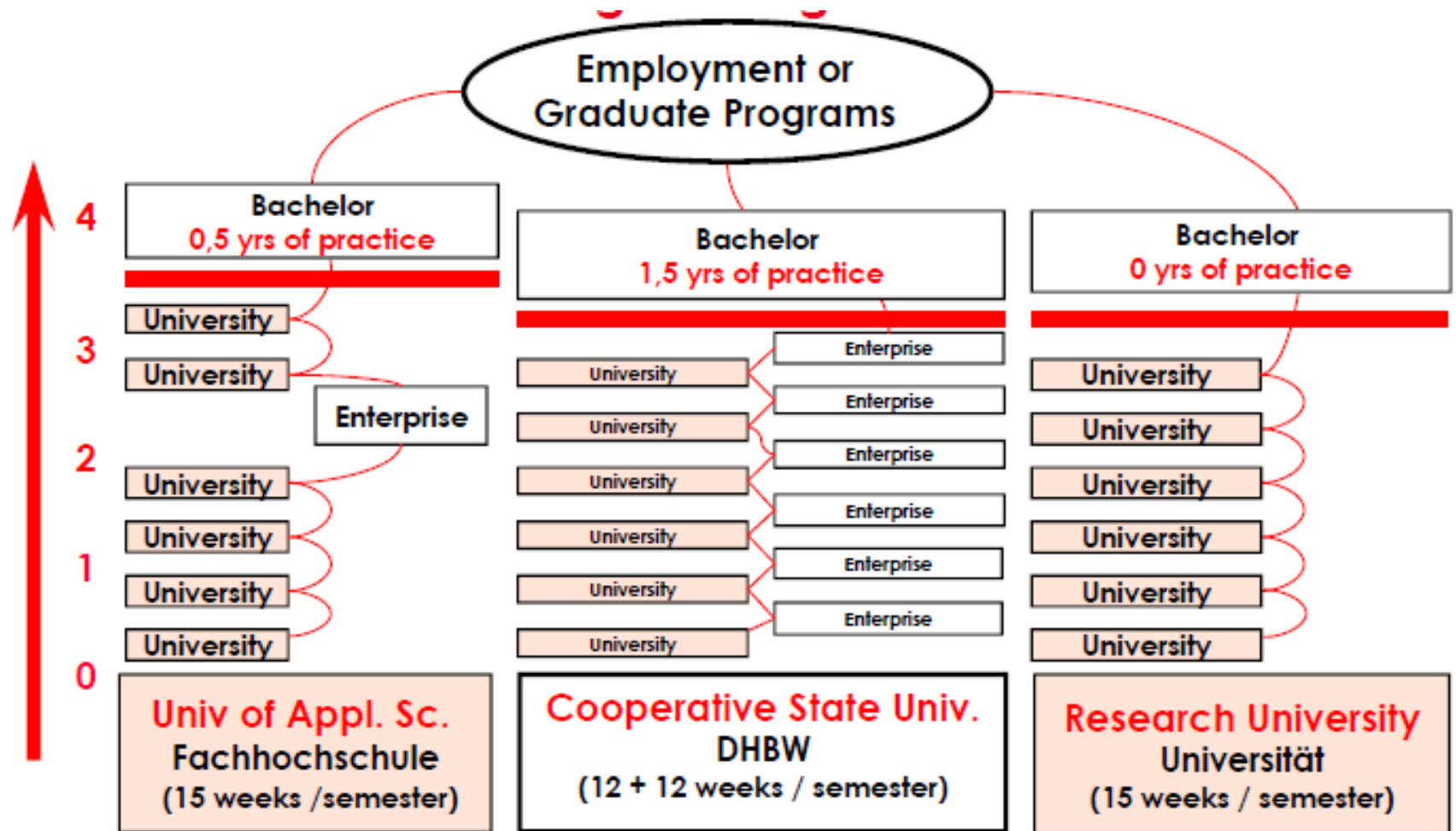
# OBJECTIVES

- Introduction
- Expectations
- The Dual Training in Kecskemét
- Future perspectives
- Conclusion

# ANALYSIS OF THE SITUATION

- The Hungarian higher education traditionally more theory oriented, especially the universities.
- The former colleges do not play the same role as before because of the Bologna system.
- The current education cycle time seems to be too long, the drop out rate is high.
- The Hungarian state (following the tendencies in Europe) reduces its financial participation in the higher education.
- The Hungarian industry (especially the automotive industry) requires more practice oriented engineers for operating the high-tech production technology. –shortage of highly educated workforce
- Most of the Hungarian automotive companies have good experience with the co-operative education.-German example

# STRUCTURE OF THE EDUCATION AND WORK QUANTITY



# EXPECTATIONS

## INDUSTRIAL

- Strong theoretical basis and its application in practice
- Short education (3-4 years)
- Well-qualified, trained workforce
- Acquiring soft skills
- Strong attachment and commitment



COMPETITIVE  
ENGINEER

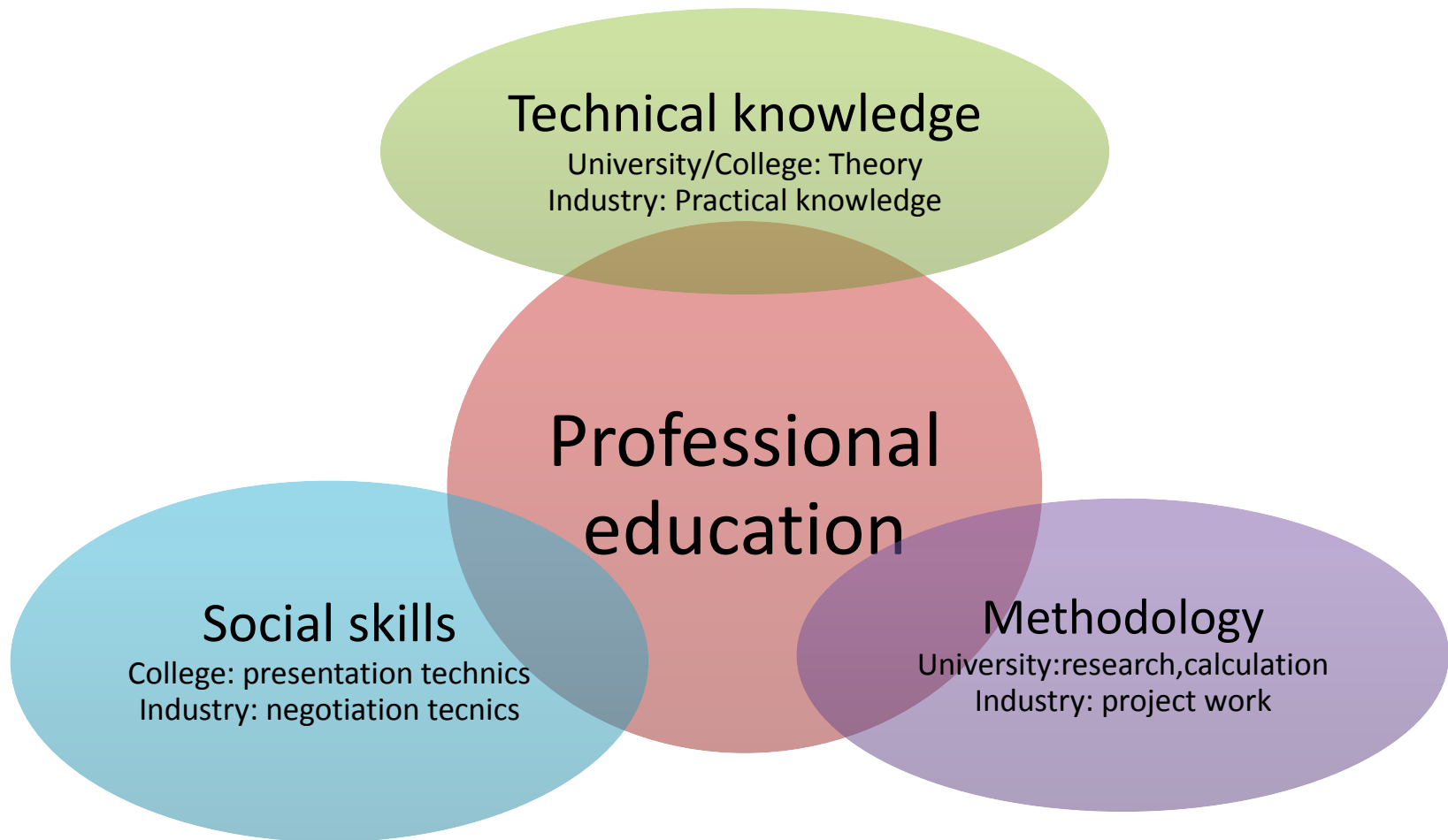
## EDUCATIONAL

- Harmonisation of academic and practical knowledge
- No new accreditation
- Fit to the present time frame
- Interoperability between normal and dual type education

## SOCIAL

- Flexible short-term training
- Quality training
- Meeting local needs
- Reducing labor migration

# PROFESSIONAL EDUCATION



# MILESTONES

Settlement of Mercedes-Benz Manufacturing Hungary Ltd.

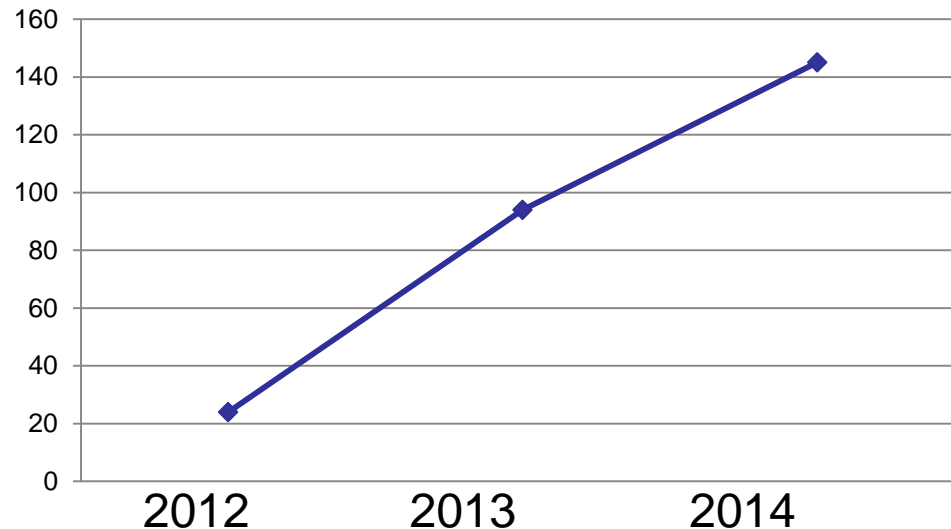


Launched in vehicle engineering in 2012



Rapid increase in the number of students and companies .Introduced in Mechanical Engineering and Technical Manager courses

Total number of students/year



# THE ROLE OF DUAL TRAINING

- Mass training vs. quality training
- Strengthening practical training
- Real -life tasks
- Getting acquainted with the company during educational period
- Professional knowledge by graduation time
- Binding firm



# DUAL TRAINING

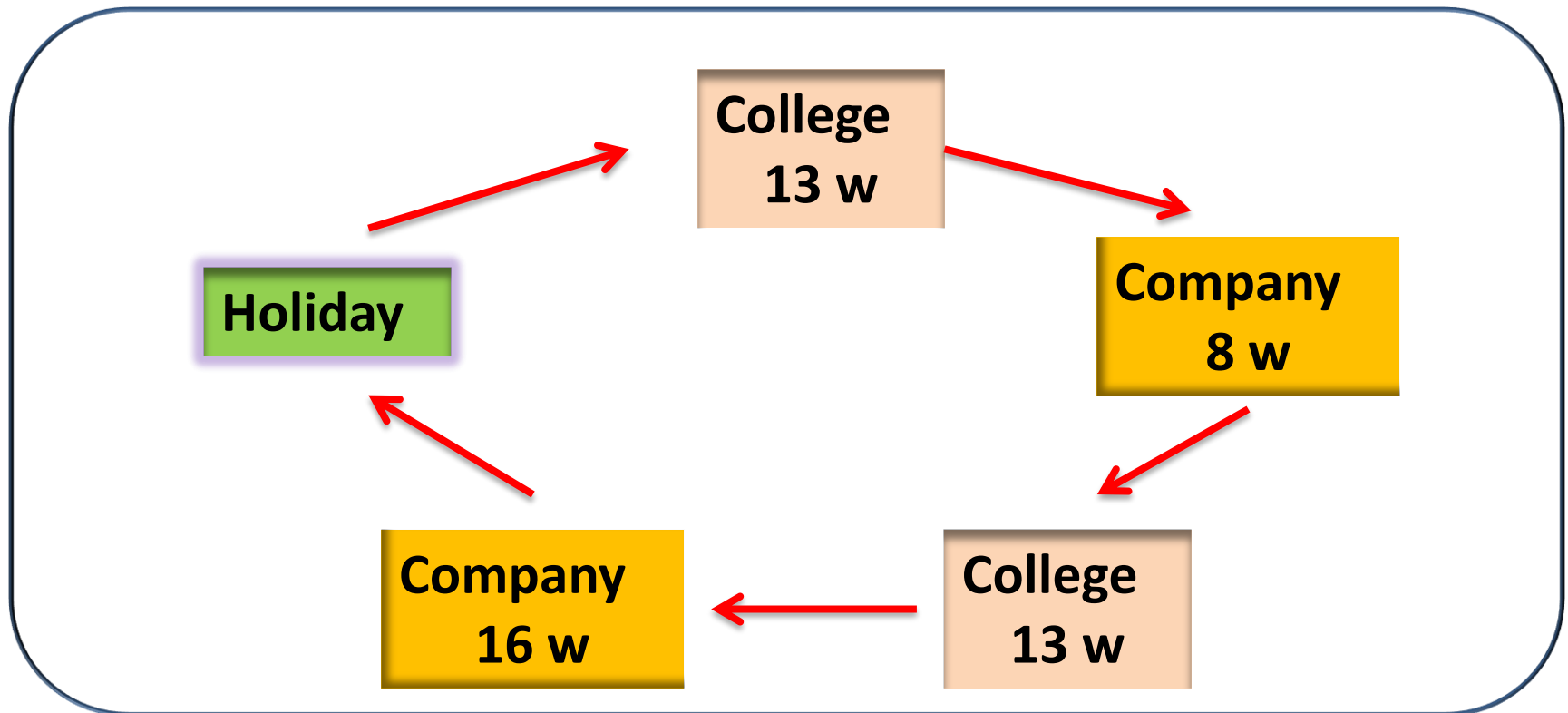
## **Normal BSc semester time in the academic sector**

- 13 weeks/semester
- Transferring knowledge according to the official requirement

## **Examination period and holiday time at the company**

- 8 and 16 weeks
- Company specified training
- Fits and based on the academic education
- Gradually challenging tasks
- Thesis work at the company

# STRUCTURE OF THE SYSTEM



# THE PROCESS

- Application to the company
  - - webpage
- Application to the College
  - - normal process
- Recruitment/Interview within the Company
  - - determined by the company
- Entrance to the College
- Contract between the Company and the College
- Registration
- Contract between the Company and the Student
- Contract between the Student and the College
- Education starts
- Exam period at the company

# ADVANTAGES

## Students

- More knowledge
- Practical experience
- Employment

## Companies

- Recruitment- of great importance
- Less additional education

## College

- Business relations

# ENROLLMENT-EXPERIENCE

- Importance of giving information
  - Regional enrollment
  - Company location
  - „Roadshow“
- Selection process of the company
  - Duality
  - Suitability –Assessment of skills
- Studies
  - Improving output
  - Commitment

# FUTURE PERSPECTIVES

- Establishment of a regional Dual-Training Center
- Creating the economic and legal background for institutionalization
- Improving the extension and the training to further courses and faculties- Informatics, Faculty of Horticulture

# CONCLUSION

- A new type of education was developed at Kecskemét College with industrial partners meeting the requirements of the industry, society and of the institution.
- The experience of the past two years have clearly demonstrated that the dual training at Kecskemét College is successful and should be continued. (2014.-24 companies-127 students)
- In the future the reform of higher education should contain dual training in order to give highly-qualified engineers who with a well-based academic and practical knowledge can be a full workforce at the labor market.

# THANK YOU FOR YOUR ATTENTION

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