

MAGB102 Teaching and Learning in Agribusiness

ECTS Value: 5 ECTS
Self-Study Hours: 90

Contact Hours: 25
Assessment Hours: 10

Overall Objectives and Outcomes

This study unit will provide student teachers with the opportunity to implement different teaching and learning strategies and methods in practice for vocational agribusiness education, in order to promote learning in a classroom, laboratory or outdoor learning environment. Throughout this unit, different methods of instruction and their application according to the context and the learner's needs will be discussed and students will be provided with an opportunity to develop their own teaching resources. Finally, the importance of teacher reflection and quality assurance strategies for measuring and improving the quality of agribusiness vocational education and training will be discussed. Through the assessment strategy implemented in this unit, the student teacher will prepare new teaching resources and analyse opportunities for personal improvement and for promoting effective teaching and learning in practice.

By the end of this module, the learner will be able to:

Competences:

- a) implement different teaching and learning methods to promote learning in agribusiness vocational education and training;
- b) use demonstration, laboratory and outdoor learning strategies to promote learning in agribusiness vocational education and training;
- c) assess learning through the use of suitable assessment strategies;
- d) measure quality of an agribusiness vocational education and training programme;
- e) reflect on own teaching practice and identify areas for improvement.

Knowledge:

- a) identify the key components of an agribusiness education programme;
- b) identify methods for student assessment in agribusiness vocational education and training;
- c) describe frameworks for quality assurance in vocational educational, and with a focus on implementation in agribusiness;

Skills:

- a) plan an agribusiness lesson that implements different teaching methods;
- b) implement lessons in the laboratory and/or fieldwork to promote contextual learning;
- c) analyse the role of information and communication technology in agribusiness vocational education and training;
- d) implement assessment methods that assess knowledge, skills and competences in agribusiness vocational education and training.

Assessment Methods

This module will be assessed through: Portfolio; Journal

Suggested Readings

Core Reading List:

1. Farraday, S., Overton, C. & Cooper, S. 2011. Effective teaching and learning in vocational education. LSN. [Online]. Available at: http://www.coopergibson.co.uk/110052RP_effective%20VET_final%20report.pdf. [Accessed 10 02 2018].
2. Franz, N., Piercy, F., Donaldson, J., Richard, R., Westbrook, J. 2010. How farmers learn: implications for agricultural educators. *Journal of Rural Social Sciences*. 25(1), pp. 37-59.
3. Kilpatrick, S. & Johns, S. 2003. How farmers learn: different approaches to change. *Journal of Agricultural Education and Extension*. 9(4), pp. 151-164.
4. Powell, D., Agnew, D. & Trexler, C. 2008. Agricultural literacy: clarifying a vision for practical application. *Journal of Agricultural Education*. 49(1), pp. 85-98.
5. Tóth, P., 2012. Learning Strategies and Styles in Vocational Education. *Acta Polytechnica Hungarica*, 9(3), pp. 195-216.
6. ETF. 2014. Quality assurance in vocational education and training: a collection of articles. European Training Foundation.
7. Finnish National Board of Education. 2008. Quality management recommendations for vocational education and training. [Online]. Available at: http://www.opf.fi/download/131938_Laadunhallintasuositus_en.pdf. [Accessed 10 02 2018].
8. Talbert, B.A., Vaughn, R., Croom, B., Lee, J.S. 2014. Foundations of agricultural education. Pearson.
9. Phipps, L.J., Osborne, E.W., Dyer, J.E., Ball, A. 2008. Handbook on Agricultural Education in Public Schools. 6th Edition. Interstate Publishers, Incorporated

Supplementary Reading List:

1. Aaltonen, K., Isacsson, A., Laukia, J., Vanhanen-Nuutinen, L. (2013). Practical Skills, Education and Development – Vocational education and training in Finland. HAAGA-HELIA University of Applied Sciences. [Online]. Available at: https://www.theseus.fi/bitstream/handle/10024/105167/HH+Practical_skills.pdf?sequence=1. [Accessed 10 02 2018].
2. Vocations and Learning: Studies in Vocational and Professional Education. [Online]. Available at: <https://link.springer.com/journal/12186>. [Accessed 10 02 2018].
3. Empirical Research in Vocational Education and Training. [Online]. Available at: <https://ervet-journal.springeropen.com>. [Accessed 10 02 2018].
4. Journal of Vocational Education & Training [Online]. Available at: <http://www.tandfonline.com/toc/rjve20/current>. [Accessed 10 02 2018].