Learning together

Linking university training to the livestock sector

Universidad Nacional Agraria La Molina, October 5-10, 2016
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1. General content and aims of the course

The livestock sector needs university graduates who have the right transversal skills and professional capabilities for a challenging future. 'Learning together' is a **3-day intensive workshop** for university teachers who want to create learning opportunities for their students to develop these capabilities and skills.

We will achieve the following learning outcomes:

2. Main learning outcomes

- **Characterize the stakeholders in the livestock sector and what they need from graduates.**
- **Discuss your current courses and propose ways to strengthen the learning transversal skills.**
- **Explore didactic strategies to strengthen transversal skills - such as problem based learning, student action research, inverted classroom and expert panels.**
- **Present and share proposals for adapting your courses.**

3. Course outline

Wednesday, Sept 5 2016
    09.00 – 10:30

Session 1: Introduction

- Describe the content and aims of the course
- Understand the concept of the learning triangle
- Identify the stakeholders that your students work with
- Identify knowledge, capabilities and skills that graduates and stakeholders find missing or very useful
- Develop a team contract to ensure a successful workshop

Wednesday, Sept 5 2016
    10.45 – 12:15

Session 2: Expectations & realities

- Discuss knowledge, capabilities and skills needed by stakeholders and graduates in the livestock sector
- Relate the results to the literature on different competences, such as transversal skills
- Rate the importance of different skills and the urgency of improvement

Wednesday, Sept 5 2016
    13.30 – 15:00

Session 3: Case studies

- Identify and describe in detail a course or workshop that you will use as your case throughout the workshop
- Compare the different trainings
- Share which didactical elements in your courses you consider as particularly useful to train transversal skills

Wednesday, Sept 5 2016
    15.15 – 16:45

Session 4: Learning designs

- Describe different university learning designs
- Reflect on the potential of the different designs to learn transversal skills
- Explore opportunities to revise your courses

Thursday, October 6 2016
    09.00 – 10:30

    Session 5: Developing learning outcomes (1)

- Differentiate between cognitive and affective learning outcomes and relate them to transversal skills
- Recall the research on the needs of the livestock sector and your students
- Develop revised learning outcomes for your case course

Thursday, October 6 2016
    10.45 – 12:15

    Session 6: Developing learning outcomes (2)

- Compare learning outcomes of different courses and propose improvements
- Discuss challenges of teaching and assessing transversal skills

Thursday, October 6 2016
    13.30 – 15:00

    Session 7: Exploring didactic strategies

- Explore didactic strategies such as problem-based learning, team-based learning, simulation, inverted classroom, flexible on-campus course, transdisciplinary courses
- Work in groups to propose adaptations of your case courses

Thursday, October 6 2016
    15:15 – 16:45

    Session 8: Plan your adapted course

- Based on the groups' suggestions, revise your course including new didactic strategies
- Find a partner for team teaching

Friday, October 7 2016
   9:00 – 10:30

   Session 9: Session planning & grading

- Develop a session plan for your adapted course
- Integrate competence-based grading in the design

Friday, October 7 2016
   10:45 – 12:15

   Session 10: Share & get feedback

- Share your revised course with your colleagues
- Get feedback

Friday, October 7 2016
   13:30 – 15:00

   Session 11: Integration and evaluation

- Summarize the main lessons learned in the workshop.
- Provide feedback to your trainer and fellow participants.
- Appreciate the contributions of all participants.

RECOMMENDED READING

- Material will be shared in advance
- Handouts will be provided during the course