**TITLE: Quality Management Systems (ISO 9001:2015)**

**Teaching/contact time: 20 hours (2018)**

**REFERENCE PARTNER INSTITUTION: AUA**

* 1. **Target group**:
     + Practitioners of the food chain sector
     + Experienced professionals
     + Undergraduates
     + Master degree students, PhD
  2. **Learning outcomes:**

Trainees will be able to:

* understand the basic purpose of quality management systems, as for ISO 9000
* understand the seven quality management principles and their correlation to organizational context and performance improvement
* adopt a threats and opportunities approach to quality management
* understand the purpose of ISO 9001:2015 and its effects on Quality Management Systems
* understand the concepts and requirements defined in ISO 9001:2015 and how they differ from ISO 9001:2008
* understand the impact of ISO 9001:2015 on ISO 22000 and Food Safety Management Systems
  1. **Minimum knowledge pre-requisites**(if any)
* N/A
  1. **Contents**

**(Take as reference the contents already defined for the teaching materials**)

|  | **Sub-topic** | **Contents and/or keywords** | **Teaching material to be prepared \*** | **Partner institution** | **Reference person (availability)** |
| --- | --- | --- | --- | --- | --- |
| **1.** | **Quality Management Systems as for ISO 9000** | Rationale for QMS | Ppt - Infographics | **AUA** |  |
|  |  | Development of QMS over time | ppt - Infographics |  |  |
| **2.** | **The seven quality management principles** | Rationale of the seven principles | ppt | **AUA** |  |
|  |  | Explanation of the seven principles | ppt |  |  |
|  |  | Actions taken by applying the seven principles | ppt, case examples |  |  |
|  |  | Key Benefits of the seven principles | ppt, case examples |  |  |
| **3.** | **ISO 9001:2015 QUALITY STANDARD** | Clause 0-3 – Introduction and scope of the standard | ppt | **AUA** |  |
|  |  | Clause 4 – Context of the organization | ppt, case examples, group work |  |  |
|  |  | Clause 5 –Leadership |  |  |  |
|  |  | Clause 6 – Planning |  |  |  |
|  |  | Clause 7 – Support |  |  |  |
|  |  | Clause 8 – Operation |  |  |  |
|  |  | Clause 9 Performance evaluation |  |  |  |
|  |  | Clause 10 – Improvement |  |  |  |
|  |  | ISO 9001:2015 vs ISO 9001:2008 | Infographic |  |  |
|  |  | Clauses 4 to 10 of ISO 9001 grouped in relation to Plan-Do-Check-Act operating principle (PDCA) | ppt |  |  |
|  |  | List of mandatory documents required by ISO 9001:2015 | list |  |  |
|  |  | Basic steps towards implementing the system | ppt |  |  |
| **4.** | **The Impact of ISO 9001:2015 on ISO 22000 and Food Safety Management Systems** |  | ppt, case examples, group work |  |  |

**5. Teaching material available/to be prepared***(e.g. ppt presentations, case studies, videos, …)*

\*: for some topics/subtopics e-books, posters and videos are already under preparation (WP1).

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|  | **Sub-topic** | **Teaching material available (see WP1)\*** | **Teaching material to be prepared** | **Partner institution** | **reference person (availability)** |
| **1** | **Quality Management Systems as for ISO 9000** | **e-book** | PPT /Infographic | **e-book: AUA + JUST + BAU + JFDA +CRE.THI.DEV.** |  |
| **2** | **The seven quality management principles** | **e-book** | PPT / case examples | **e-book: AUA + JUST + BAU + JFDA +CRE.THI.DEV.** |  |
| **3** | **ISO 9001:2015 QUALITY STANDARD** | **e-book** | PPT / case examples, group work, Infographics | **e-book: AUA + JUST + BAU + JFDA +CRE.THI.DEV.** |  |
| **4** | **The Impact of ISO 9001:2015 on ISO 22000 and Food Safety Management Systems** | **e-book** | PPT / case examples, group work | **E-book: AUA + JUST + BAU + JFDA +CRE.THI.DEV.** |  |

**Evaluation: self-evaluation**

4 questions for each subtopic should be collected.