1. **Course unit title**: Civil Defense
2. **Course unit code**: ТТД, ОП та БЖД \_8\_ОНД.03
3. **Type of course unit**: compulsory
4. **Semester**: 2
5. **Number of ECTS credits allocated**: total hours 90 ( ECTS - 3); classroom hours - 34 (lectures - 14, practical classes - 20 )

 6. **Name of lecturer(s).** : T.N. Azizov, Doctor of Technical Sciences, Professor

7. **Learning outcomes of the course unit**:

As the result of mastering the module a student must have the following:

knowledge: the act «On Civil Defense of Ukraine». The structure of Civil Defense of Ukraine, of business, institution and organization. The classification of emergencies in peacetime and wartime. The use of means of individual and group protection. Radiation and medical control units. Emergency forecast. The foundations of labor safety. The organization of labor safety in institutions and organizations.

skills: to use the means of individual and group protection; to use the radiation and chemical contamination control units; to assess the emergency situation; to plan civil defense activities; to conduct deactivation, degassing and disinfection; to instruct new employees on labour security; to develop methodology and to conduct training of labor safety.

8. **Mode of delivery**: classroom

1. **Prerequisites and co-requisites**: Labour Safety in the Branch

**10.Course contents**:

The Act «On Civil Defense of Ukraine». The structure of Civil Defense of Ukraine, of business, institution and organization. The emergencies in peacetime and wartime. Emergency assessment. Safety measures. The foundations of labor safety. The legislation of Ukraine on labor safety.

1. **Recommended or required reading**:

1. Закон України «Про Цивільну оборону України». ВРУ. №2974-ХП. 1993 р. №555-ХІУ. 1999 р. Київ.

2. Стеблюк М.І. Цивільна оборона.- К.: Урожай, 1994. – 360 с.

3. Миценко І.М., Мезенцева О.М.Цивільна оборона: Навчальний посібник. – Чернівці: Книги ХХI, 2004. – 404 с.

4. Мельник О.В. Методика оцінки радіаційної, хімічної обстановки при ядерних вибухах, аваріях на атомних електростанціях та на об’єктах хімічної промисловості. – УДПУ.: ПП Жовтий О.О., 2009. – 50 с.

5. Гогіташвілі Г.Г., Лапін В.М. Основи охорони праці: Навчальний посібник. – Львів: «Новий світ – 2000,» 2006. – 232 с.

 12. **Planned learning activities and teaching methods**: lectures, practical training, self-study, calculation and making graphics.

13. **Assessment methods and criteria**:

a) current assessment (70%): oral reports, tasks, problem solving;

b) final assessment (30% , pass-fail exam): test, calculation and making graphics.

14. **Language of instruction**: Ukrainian