

İndirilme Tarihi

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GK 001 - COMMUNITY SERVICE APPLICATIONS - Eğitim Fakültesi - Matematik ve Fen Bilimleri Eğitimi Bölümü

General Info

Objectives of the Course

The aim of this course is to make applications by associating the courses in the curriculum with community services. It is the acquisition of basic knowledge and skills for the implementation of community service studies in schools.

Course Contents

The content of this course is the importance of community service practices, determining the target audience of community service practices, preparing projects for determining the current problems of the community and producing solutions, preparing projects for the determined target audiences and taking part in this project, participating in scientific activities as an audience, speaker or organizer, presentation and covers assessments.

Recommended or Required Reading

There is no mandatory textbook assigned for this course; however, various academic sources, articles, and reports will be utilized throughout the course. Course materials include lecture notes, presentations, projects, field studies, and case analyses, with the aim of encouraging students to take an active role in community service projects through practical applications. To reinforce theoretical knowledge and promote more informed participation in fieldwork, the following books are recommended: (1) Freire, P. (2020). Pedagogy of the oppressed. In toward a sociology of education (pp. 374-386). London: Routledge Publishing. (2) Jacoby, B. (2014). Service-learning essentials: Questions, answers, and lessons learned. San Francisco: John Wiley & Sons. (3) Coşkun, H. (2011). Topluma hizmet uygulamaları (2nd ed.). Ankara: Anı Yayıncılık. (4) Kuzucu, K., & Kamer, S. T. (Eds.) (2009). Community service practices. Ankara: Pegem Academic Publishing. Additionally, reports published by UNESCO and UNICEF, as well as updated documents from local governments and non-governmental organizations, will be utilized to enhance students' awareness of community service practices. These resources are recommended to help students better understand service-learning processes, develop solution-oriented projects addressing social issues, and foster a strong sense of social responsibility.

Planned Learning Activities and Teaching Methods

This course is structured as a 3-hour program, consisting of 1 hour of theoretical instruction and 2 hours of practical application, emphasizing the integration of theoretical knowledge with fieldwork and project implementation. The course will begin with an introduction to the concepts of society, community service practices, and social responsibility, followed by individual and group activities where students will develop social responsibility projects. To enable students to design social responsibility projects in the context of societal and cultural values, discussions and case analyses will be conducted to identify current social issues. During the project development phase, students will engage in problem analysis, propose solutions, and plan and implement their projects. Additionally, students will participate as volunteers in social responsibility projects organized by various institutions and organizations, actively contributing to the community. As part of the practical component, students will be directly involved in social responsibility projects through fieldwork, observations, and institutional collaborations. Furthermore, to support their academic development, students will be encouraged to attend scientific events such as panels, conferences, congresses, and symposiums as attendees, speakers, or organizers. By the end of the course, students will assess the impact of their social responsibility projects and present their findings through written and oral presentations. This process aims to enhance critical thinking, communication, leadership, and teamwork skills, fostering a strong sense of social responsibility that will benefit their academic and professional careers.

Recommended Optional Programme Components

Active student participation is of great importance in this course. Due to its practice-oriented nature, students are expected to regularly engage in group work and field projects. To develop a sense of social responsibility, students are encouraged to increase their awareness of social issues beyond the classroom, follow local and national social responsibility projects, and participate in voluntary activities. Throughout the course, students will be expected to conduct literature reviews, utilize academic sources, and base their projects on scientific foundations to effectively analyze social issues. During the project development phase, collaboration with various institutions and organizations, systematic execution of field observations, and ethical evaluation of collected data will be essential. Furthermore, to support their academic development, students are encouraged to attend scientific events such as panels, seminars, congresses, and workshops. In the process of reporting and presenting their projects, adherence to academic writing standards and critical evaluation will be crucial. To effectively manage these processes, students are advised to develop time management, teamwork, and problem-solving skills.

Instructor's Assistants

There is no teaching assistant assigned for this course.

Presentation Of Course

This course will be conducted as a 3-hour program, consisting of 1 hour of theoretical instruction and 2 hours of practical application. Theoretical sessions will cover topics such as community service practices, social responsibility concepts, current social issues, project development processes, and scientific research methods. In practical sessions, students will develop solution-oriented projects addressing identified social issues and implement them through fieldwork and institutional collaborations. To encourage active student participation, various methods such as group work, workshops, field visits, and voluntary participation in social responsibility projects will be employed. Additionally, students will document and present the processes and outcomes of their social responsibility projects using academic presentation techniques. Interactive learning strategies will be adopted throughout the course, aiming to enhance students' social awareness, leadership, teamwork, and critical thinking skills.

Dersi Veren Öğretim Elemanları

Prof. Dr. Şenol Kartal Dr. Öğr. Üyesi Solmaz Damla Gedik Altun Assoc. Prof. Dr. Derya Özlem Yazlık Assoc. Prof. Dr. Deniz Kaya Res. Assist. Hasan Çokçalışkan

Program Outcomes

1. Understands the importance of community service practices.
2. Discusses social problems.
3. It informs non-experts about social problems.
4. Prepares projects to identify and solve local and universal current problems of society.
5. Develops a positive attitude towards volunteering in community service activities.
6. While carrying out projects, communicates effectively both within and outside the project.

Weekly Contents

Order	Preparation Info	Laboratory Teaching Methods	Theoretical	Practise
1	The course syllabus will be reviewed, and the concept of community service practices will be discussed. Conduct research on the definition, principles, and objectives of community service. This process will cover the contributions of community service to education, social benefit processes, and the concept of social responsibility. Research the relationship between service-learning and education, and take notes on this topic.	This week, the course content will be introduced, and fundamental concepts related to society will be discussed. The concepts of society and its related terms will be reviewed, and the formation of social structures will be analyzed. The lecture method will be used to present basic information, followed by the discussion method to evaluate the impact of society on individuals.	Introduction of the course content, review of society and related concepts	
2	This week, the philosophical and theoretical foundations of community service practices will be discussed. Research the theoretical foundations of service-learning and its connection to social responsibility awareness. Examine UNESCO reports on how service-learning contributes to social development. Analyze and compare different service-learning models.	This week, the importance of community service practices will be emphasized. The history of community service, its connection to education, and its role in providing social benefits will be analyzed. The lecture method will be used to discuss the place of community service in the education system, followed by discussions based on real-life examples.	The importance of community service practices	
3	This week, identifying social issues in community service practices and developing solutions will be examined. Identify existing social problems in society and develop solution proposals. Analyze reports published by local governments and NGOs on social issues, researching the causes and impacts of these problems.	This week, the process of identifying current societal issues will be examined. Major contemporary social problems and their solutions will be discussed in an academic context. The lecture method will provide information on current social challenges, followed by discussions where students can share their observations	Identifying current issues in society and discussing possible areas of study related to society within the scope of this course	
4	This week, the planning process of community service projects will be emphasized. Identify the key components of planning a community-oriented project. Analyze the stages of a project (problem identification, goal setting, strategy formation, implementation, and evaluation) to enhance the feasibility of service-learning projects. Develop an example of a community service project idea, determine its key components, and create a draft.	This week, the process of developing projects to address current societal problems will be explored. The basic stages of project preparation, problem identification, and solution development will be examined. The lecture method will provide insights into designing community-based projects, followed by brainstorming sessions to generate new ideas based on student proposals.	Developing new projects aimed at producing solutions for current societal issues	
5	This week, the role of volunteerism in community service practices and collaboration with non-governmental organizations (NGOs) will be examined. Research the role of NGOs in community service projects and analyze successful implementations. Identify NGOs operating in your area, examine the projects they have undertaken, and evaluate their effectiveness.	This week, current community service initiatives will be evaluated. Existing social responsibility projects, activities of non-governmental organizations, and their connections with education will be analyzed. The lecture method will introduce ongoing community service initiatives, followed by discussions where students will assess their effectiveness.	Community service practices in today's world	
6	This week, the implementation of service-learning practices in education will be examined. Research service-learning projects implemented in schools and universities. Analyze how educational institutions integrate community service projects and compare different examples.	This week, community service initiatives in our city will be analyzed. Projects conducted by local governments, educational institutions, and civil society organizations will be examined. The lecture method will provide insights into local community service programs, followed by discussions where students share and evaluate the initiatives they have observed in their communities.	Community service practices in our city	

Order	PreparationInfo	Laboratory TeachingMethods	Theoretical	Practise
7	This week, ethical principles and social responsibility in community service projects will be discussed. Research the importance of ethical guidelines in community service projects. Examine ethical violations in real-world projects and develop solution proposals.	This week, the social benefits of scientific events will be explored. The importance of attending panels, conferences, congresses, and symposiums, and their impact on personal development will be examined. The lecture method will highlight the educational and societal aspects of academic events, followed by discussions where students exchange ideas about the scientific events they have attended.	The importance of participating in scientific activities such as panels, conferences, congresses, and symposiums as an audience, speaker, or organizer	
8	Midterm exam week	Midterm exam week	Midterm exam week	
9	This week, students will begin implementing their chosen projects. Identify potential challenges that may arise during fieldwork and develop solution strategies. Examine current projects supported by local governments to gain new perspectives for your own initiatives.	This week, the fundamental knowledge and skills required for implementing community service initiatives in schools will be examined. Social responsibility projects conducted in schools and the necessary skills for students to actively participate in these initiatives will be discussed. The lecture method will provide insights into community service practices in educational settings, followed by group work to assess the feasibility of these initiatives through real-world examples.	Acquiring basic knowledge and skills for implementing community service practices in schools	
10	This week, students will assess their ongoing projects and develop strategies to improve efficiency. Review your project processes and take notes on areas needing improvement. Evaluate the impact of your project in the field by analyzing feedback from participants.	This week, the topic of participating in various projects as a volunteer within the framework of social responsibility will be discussed. The concept of volunteerism, its impact on individual development, and its social benefits will be analyzed academically. The lecture method will explain the components of the volunteering process, followed by discussions where students present their research on different volunteer projects.	Volunteering in various projects within the framework of social responsibility	
11	This week, challenges encountered in community service projects will be discussed. Analyze the difficulties you have faced during field experiences and develop alternative solutions. Work on solution-oriented approaches to ensure sustainability in service-learning projects.	This week, students will be encouraged to apply their knowledge and skills in a community-based project. They will be expected to identify and evaluate social responsibility initiatives related to their field. The lecture method will explain the key components of social projects, followed by group discussions where students share their projects and receive peer feedback.	Students' participation in a social project by utilizing their knowledge and skills	
12	This week, the process of documenting project results will be examined. Research academic writing guidelines and create an appropriate reporting template for community service projects. Prepare your project in a written format for evaluation.	This week, students will present and evaluate the community projects they have participated in. They will share the challenges they encountered, the contributions of their projects to society, and their personal development. The lecture method will explain the individual and social benefits of community service projects, followed by discussions where students share their experiences and provide mutual feedback.	Students' sharing of the social projects in which they participated by utilizing their knowledge and skills	
13	This week, effective presentation of community service projects will be discussed. Research presentation techniques and determine the most suitable methods for community service projects. Prepare an effective project presentation and evaluate ways to engage with the audience.	This week, project reporting and documentation processes will be discussed. The fundamental rules for documenting social projects, academic writing techniques, and the structure of reports will be outlined in detail. The lecture method will provide essential knowledge on academic report writing, followed by an evaluation of students' draft reports.	Project information: General orientation on reporting	

Order	PreparationInfo	Laboratory TeachingMethods	Theoretical	Practise
14	This week, students will present their community service projects in class. Prepare your projects for presentation and structure them according to academic standards. Evaluate feedback from classmates and instructors to further improve your project.	This week, group projects will be presented and submitted. Students will deliver their project presentations in class and receive feedback. Presentation skills, effective communication, and academic presentation techniques will be emphasized. The lecture method will explain effective presentation techniques, followed by student presentations for evaluation.	Presentation and submission of group projects	
15	This week, experiences gained through the community service process will be reviewed. Evaluate the individual and societal impacts of the service-learning process. Analyze your experiences within an academic framework and develop reflections on the sustainability of community service projects.	This week, the final evaluation and submission of group projects will take place. Students will finalize their projects and prepare them for submission. The academic standards and presentation techniques of the projects will be assessed. The lecture method will review academic project presentation processes, followed by the evaluation of students' projects and feedback provision.	Presentation and submission of group projects	

Workload

Activities	Number	PLEASE SELECT TWO DISTINCT LANGUAGES
Uygulama / Pratik	14	2,00
Derse Katılım	14	1,00
Ders Öncesi Bireysel Çalışma	14	2,00
Rapor	1	1,00
Proje	14	2,00

Assesments

Activities	Weight (%)
Final	100,00

Matematik Eğitimi Ana Bilim Dalı / İLKÖĞRETİM MATEMATİK ÖĞRETMENLİĞİ X Learning Outcome Relation

	P.O. 1	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11	P.O. 12	P.O. 13	P.O. 14	P.O. 15	P.O. 16	P.O. 17	P.O. 18	P.O. 19	P.O. 20	P.O. 21	P.O. 22	P.O. 23	P.O. 24	
L.O. 1											4			5	5	5	4			4					
L.O. 2											4			4	4		4					5			
L.O. 3											4			4	4		4					4			
L.O. 4											5			4	4		4					4			
L.O. 5											4			4	4		5					4			
L.O. 6											4			4	5		4					4			

Table :

- P.O. 1 :** Alanı ile ilgili öğretim programları, öğretim strateji, yöntem ve teknikleri ile ölçme ve değerlendirme bilgisine sahiptir.
- P.O. 2 :** Bilginin doğası kaynağı, sınırları, doğruluğu, güvenilirliği ve geçerliliğinin değerlendirilmesi konusunda bilgi sahibidir.
- P.O. 3 :** Öğrencilerin ihtiyaçlarını karşılayabilecek düzeyde alanı ile ilgili kavramları ve kavramlar arası ilişkileri açıklar.
- P.O. 4 :** Türk eğitim sistemi'nin amaç, ilke, vizyon, misyon, yapı ve işleyişini, sınıf yönetimi yaklaşımlarını ve eğitim ile ilgili kavramları konusunda

bilgi sahibidir.

- P.O. 5 :** Öğrencilerin gelişim, öğrenme özellikleri ve güçlükleri ile ilgili bilgi sahibidir.
- P.O. 6 :** Matematik öğretim programıyla ilgili gelişme ve yenilikleri takip edip öğretme etkinliklerine uyarlar.
- P.O. 7 :** Matematiksel dili alan derslerinde ve matematik öğrenme ve öğretme sürecini planlarken doğru ve etkili şekilde kullanır.
- P.O. 8 :** Öğrencilerin gelişim özelliklerini, bireysel farklılıklarını, konu alanının özelliklerini ve kazanımlarını dikkate alarak en uygun öğretim strateji, yöntem ve tekniklerini uygular.
- P.O. 9 :** Öğrencilerin kazanımlarını farklı yöntemler kullanarak çok yönlü değerlendirir.
- P.O. 10 :** Matematiğin doğası ve tarihsel gelişimi hakkında bilgi sahibidir.
- P.O. 11 :** Türkçeyi kurallarına uygun düzgün ve etkili kullanabilme ve öğrencilerle sağlıklı iletişim kurabilme becerisine sahiptir.
- P.O. 12 :** Matematik ve diğer disiplinlerdeki problemlerle ilgili modellemeler ve çözümler üretir.
- P.O. 13 :** Farklı ölçme ve değerlendirme yöntem ve tekniklerini kullanır.
- P.O. 14 :** Bireysel ve grup çalışmalarında sorumluluk alır ve alınan görevi etkin bir şekilde yerine getirir.
- P.O. 15 :** Kendini bir birey olarak tanır; yaratıcı ve güçlü yönlerini kullanır ve zayıf yönlerini geliştirir.
- P.O. 16 :** Edindiği bilgi ve becerileri eleştirel bir yaklaşımla değerlendirir.
- P.O. 17 :** Yaşam boyu öğrenmeye ilişkin olumlu bir tutum geliştirir.
- P.O. 18 :** Bilgiye ulaşma yollarını etkin bir şekilde kullanır.
- P.O. 19 :** Toplumsal sorumluluk bilinciyle yaşadığı sosyal çevre için mesleki proje ve etkinlikler planlar ve uygular
- P.O. 20 :** Bir yabancı dili en az Avrupa Dil portföyü B1 düzeyinde kullanarak alanındaki bilgileri izler ve meslektaşları ile iletişim kurar.
- P.O. 21 :** Bilgi ve iletişim teknolojilerini etkin bir şekilde kullanır.
- P.O. 22 :** Demokrasiye, insan haklarına, toplumsal, bilimsel ve mesleki etik değerlere uygun davranır.
- P.O. 23 :** Milli Eğitim Temel Kanunu'nda ifade edilen ulusal ve evrensel duyarlıkların bilincindedir.
- P.O. 24 :** Alanı ile ilgili öğretim programları, öğretim strateji, yöntem ve teknikleri ile ölçme ve değerlendirme bilgisine sahiptir.
- L.O. 1 :** Topluma hizmet uygulamalarının önemini kavrar.
- L.O. 2 :** Toplumsal sorunları tartışır.
- L.O. 3 :** Toplumsal sorunlar hakkında uzman olmayan kişileri bu konuda bilgilendirir.
- L.O. 4 :** Toplumun yerel ve evrensel güncel sorunlarını belirleme ve çözüm üretmeye yönelik projeler hazırlar
- L.O. 5 :** Topluma hizmet çalışmalarının içinde gönüllü olarak yer almaya dair olumlu tutum geliştirir
- L.O. 6 :** Projeleri yürütürken hem proje içinde, hem proje dışında etkili iletişim kurar.