

BILKENT UNIVERSITY
TEACHING AND LEARNING SUPPORT CENTER
(BTLSC)



ANNUAL REPORT

2023

by

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Annual Report 2023 of Bilkent Teaching and Learning Support Center

Bilkent University Teaching Learning and Support Center (BTLSC) was established in January 2019. The center's mission is to further the educational mission of the university and inspire excellence in teaching and learning. BTLSC strives to achieve its mission by providing systematic support for the teaching and learning needs of Bilkent Community.

This annual report aims to summarize the center's activities conducted in the calendar year 2023, to compare these activities with the ones performed in previous years, and to further provide future plans of the center. The organization of the report is as follows: Section 1 summarizes the activities of BTLSC in 2023. Section 1.1 presents the services provided to the Bilkent University students and Section 1.2 provides BTLSC services for the faculty of Bilkent University. Comparison of the services provided in 2022 and 2023 is summarized in Section 2. Future Plans of BTLSC for 2024 is provided in Section 3.

1 Services of BTLSC in 2023

BTLSC provides services both for the students and faculty members of the university. The details of the given services are shared in the following sections. During Spring 2022-2023 semester, BTLSC offered all of its services as online, and in Fall 2023-2024 semester, all offered services for the students were face-to-face, and some of the services provided for the faculty members were online. We define a service as an activity where a person participates only once in a BTLSC offering, providing a measure of the overall volume of activity. If an individual participates to BTLSC seminars more than once, this participation is counted as multiple services. However, if a student participates to BTLSC tutoring session of a course more than once, this participation is counted as one.

1.1 Student Services

BTLSC aims to guide students to learn how to learn, and to develop specific set of metacognitive skills, attitudes and behaviors that allow them to understand, create, evaluate, apply, and construct their own knowledge. To support development of these skills, BTLSC provided several online and face-to-face peer tutoring, conference (Bilkent Well-Being Days), festival (PhilFest'23), seminars and study groups in 2023 for students.

1.1.1 Tutoring

During Spring 2022-2023, tutoring hours were arranged as online for CS 115, Econ 101, Econ 102, Math 101, Math 102, Math 105, Math 106, Math 241, Phys 101 and Phys 102 courses. During Fall 2023-2024, all tutoring services of CS 101, CS 115, CS 125, Econ 101, Econ 102, Math 101, Math 102, Math 105, Math 106, Phys 101 and Phys 102 were given as face-to-face. The descriptive statistics for number of peer tutoring courses are presented in Table 1 according to the academic semester.

Table 1: Number of peer tutoring courses

| Semester | # of courses | Medium of tutoring | New added courses | |
|------------------|--------------|--------------------|-------------------|-------------------|
| | | | # of courses | Course code |
| Spring 2022-2023 | 10 | Online | | |
| Fall 2023-2024 | 11 | Face-to-face | 2 | CS 101 and CS 125 |

Tutors were selected by the course coordinators and/or coordinator of BTLSC and ASCU from the previous semester's successful students. Tutors, in general, worked with group of students to help them master the skills needed to succeed on their own by coaching rather than providing answers. Tutors discussed and identified course concepts & problem sets. The tutors also prepared students for the upcoming exams.

For all courses, departments informed and encouraged students to attend tutoring sessions and BTLCS also sent an e-mail and informed unsuccessful students about tutoring sessions who took the course more than once, posters were prepared and distributed to the departments (Appendix 5). Weekly schedules of tutoring sessions are presented in Appendix 1.

Student Involvement Analysis

The descriptive statistics for involvement in tutoring sessions are presented in Table 2 according to the course.

Table 2: Involvement of tutoring sessions

| Course | Semester | # of Students |
|--------------------------------------|------------------|---------------|
| CS 101: Algorithms and Programming I | Fall 2023-2024 | 30 |
| | Spring 2022-2023 | 14 |

| Course | Semester | # of Students |
|---|------------------|----------------------|
| CS 115: Introduction to Programming in Python | Fall 2023-2024 | 44 |
| CS 125: Introduction to Data Analysis for Social Sciences | Fall 2023-2024 | 55 |
| Econ 101: Introduction to Economics I | Spring 2022-2023 | 4 |
| | Fall 2023-2024 | 38 |
| Econ 102: Introduction to Economics II | Spring 2022-2023 | 14 |
| | Fall 2023-2024 | 7 |
| Math 101: Calculus I | Spring 2022-2023 | 6 |
| | Fall 2023-2024 | 8 |
| Math 102: Calculus II | Spring 2022-2023 | 4 |
| | Fall 2023-2024 | 2 |
| Math 105: Introduction to Calculus I | Spring 2022-2023 | 10 |
| | Fall 2023-2024 | 5 |
| Math 106: Introduction to Calculus II | Spring 2022-2023 | 18 |
| | Fall 2023-2024 | 9 |
| Math 241: Engineering Mathematics I | Spring 2022-2023 | 6 |
| Phys 101: General Physics I | Spring 2022-2023 | 12 |
| | Fall 2023-2024 | 92 |
| Phys 102: General Physics II | Spring 2022-2023 | 7 |
| | Fall 2023-2024 | 19 |
| Total | | 404 |

Students Success Analysis

Table 3 presents tutored students' success percentages from the courses.

Table 3: Success percentages of tutored students

| Course | Semester | Total # of students tutored | # of students successfully passed the course | Success percentage (%) |
|---|------------------|-----------------------------|--|------------------------|
| CS 101: Algorithms and Programming I | Fall 2023-2024 | 30 | 28 | 93.3 |
| CS 115: Introduction to Programming in Python | Spring 2022-2023 | 14 | 12 | 85.71 |
| | Fall 2023-2024 | 44 | 40 | 90.91 |
| CS 125: Introduction to Data Analysis for Social Sciences | Fall 2023-2024 | 55 | 49 | 89.09 |
| Econ 101: Introduction to Economics I | Spring 2022-2023 | 4 | 3 | 75.00 |
| | Fall 2023-2024 | 38 | 37 | 97.37 |
| Econ 102: Introduction to Economics II | Spring 2022-2023 | 14 | 12 | 85.71 |
| | Fall 2023-2024 | 7 | 7 | 100 |
| Math 101: Calculus I | Spring 2022-2023 | 6 | 5 | 83.33 |
| | Fall 2023-2024 | 8 | 8 | 100 |
| Math 102: Calculus II | Spring 2022-2023 | 4 | 4 | 100 |
| | Fall 2023-2024 | 2 | 2 | 100 |
| Math 105: Introduction to Calculus I | Spring 2022-2023 | 10 | 10 | 100 |
| | Fall 2023-2024 | 5 | 5 | 100 |
| Math 106: Introduction to Calculus II | Spring 2022-2023 | 18 | 13 | 72.22 |
| | Fall 2023-2024 | 9 | 8 | 88.89 |
| Math 241: Engineering Mathematics | Spring 2022-2023 | 6 | 6 | 100 |
| Phys 101: General Physics I | Spring 2022-2023 | 12 | 12 | 100 |
| | Fall 2023-2024 | 92 | 86 | 93.48 |
| Phys 102: General Physics II | Spring 2022-2023 | 7 | 6 | 85.71 |
| | Fall 2023-2024 | 19 | 16 | 84.21 |

Table 4 presents success percentage of tutored students who are repeating the course. Overall success ratio of tutored repeating students by BTLSC is 80.7%.

Table 4: Success information of tutored students who repeated the course

| Course | Semester | Tutored students | # of repeating students | Letter grade | # of fail | Success ratio of repeating students (%) |
|----------------|------------------|------------------|-------------------------|---------------|-----------|---|
| CS 101 | Fall 2023-2024 | 30 | 0 | - | - | - |
| CS 115 | Spring 2022-2023 | 14 | 3 | C- to B+ | 1 | 67 |
| | Fall 2023-2024 | 44 | 0 | - | - | - |
| CS 125 | Fall 2023-2024 | 55 | 0 | - | - | - |
| Econ 101 | Spring 2022-2023 | 4 | 0 | - | - | - |
| | Fall 2023-2024 | 38 | 0 | - | - | - |
| Econ 102 | Spring 2022-2023 | 14 | 2 | B | 1 | 50 |
| | Fall 2023-2024 | 7 | 0 | - | - | - |
| Math 101 | Spring 2022-2023 | 6 | 2 | C- to D+ | 0 | 100 |
| | Fall 2023-2024 | 8 | 1 | B | 0 | 100 |
| Math 102 | Spring 2022-2023 | 4 | 1 | D | 0 | 100 |
| | Fall 2023-2024 | 2 | 0 | - | - | - |
| Math 105 | Spring 2022-2023 | 10 | 1 | C+ | 0 | 100 |
| | Fall 2023-2024 | 5 | 0 | - | - | - |
| Math 106 | Spring 2022-2023 | 18 | 2 | F | 2 | 0 |
| | Fall 2023-2024 | 9 | 1 | C+ | 0 | 100 |
| Math 241 | Spring 2022-2023 | 6 | 5 | A to D+ | 0 | 100 |
| Phys 101 | Spring 2022-2023 | 12 | 2 | B- to D+ | 0 | 100 |
| | Fall 2023-2024 | 92 | 4 | A- to D | 0 | 100 |
| Phys 102 | Spring 2022-2023 | 7 | 0 | - | - | - |
| | Fall 2023-2024 | 19 | 2 | C+ to FZ | 1 | 50 |
| Overall | | 404 | 26 | A to F | 5 | 80.7 |

Figure 1 and Figure 2 presents the success ratio of the students involved in tutoring sessions according to the course and semesters. According to the students' letter grades, majority of the students, enrolled in the tutoring sessions passed from the course. Moreover, during Spring 2022-2023, 73.7%, and during Fall 2023-2024, 79.9 % of the tutored students got letter grades equal or higher than C.

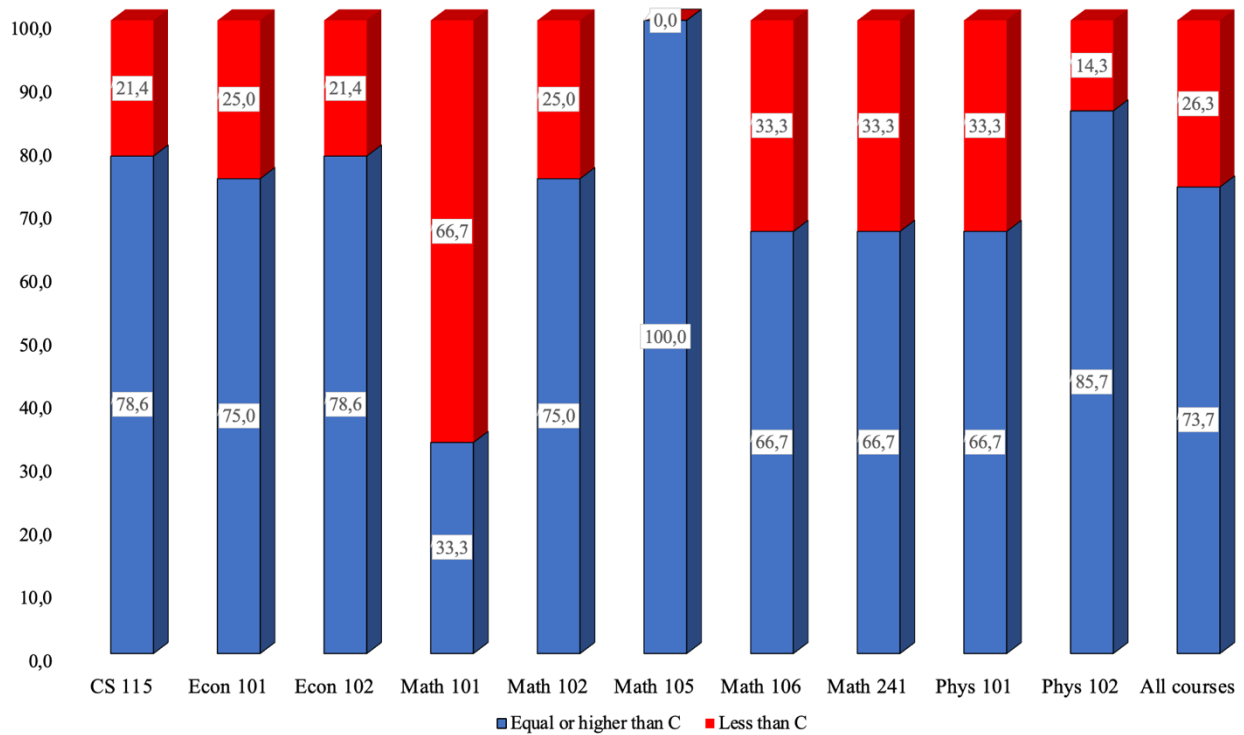


Figure 1: Success ratio of students attended to the 2022-2023 Spring tutoring sessions

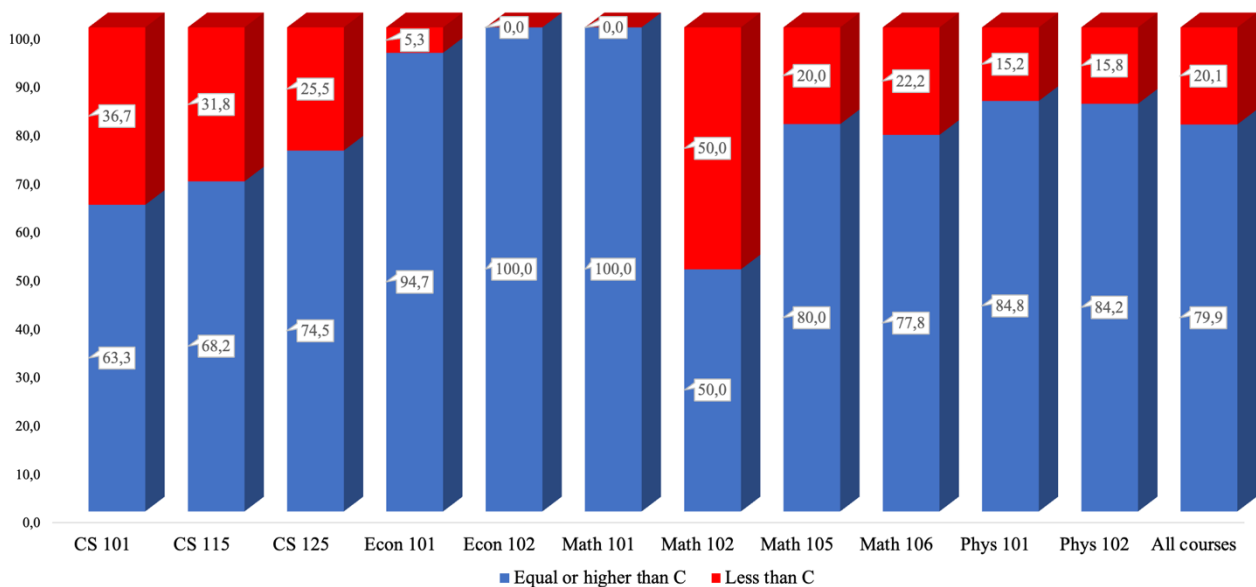


Figure 2 : Success ratio of students attended to the 2023-2024 Fall tutoring sessions

The letter grade distributions of the students (%) attended to the tutoring sessions are presented in Figure 3, and Figure 4 according to the course and semester.

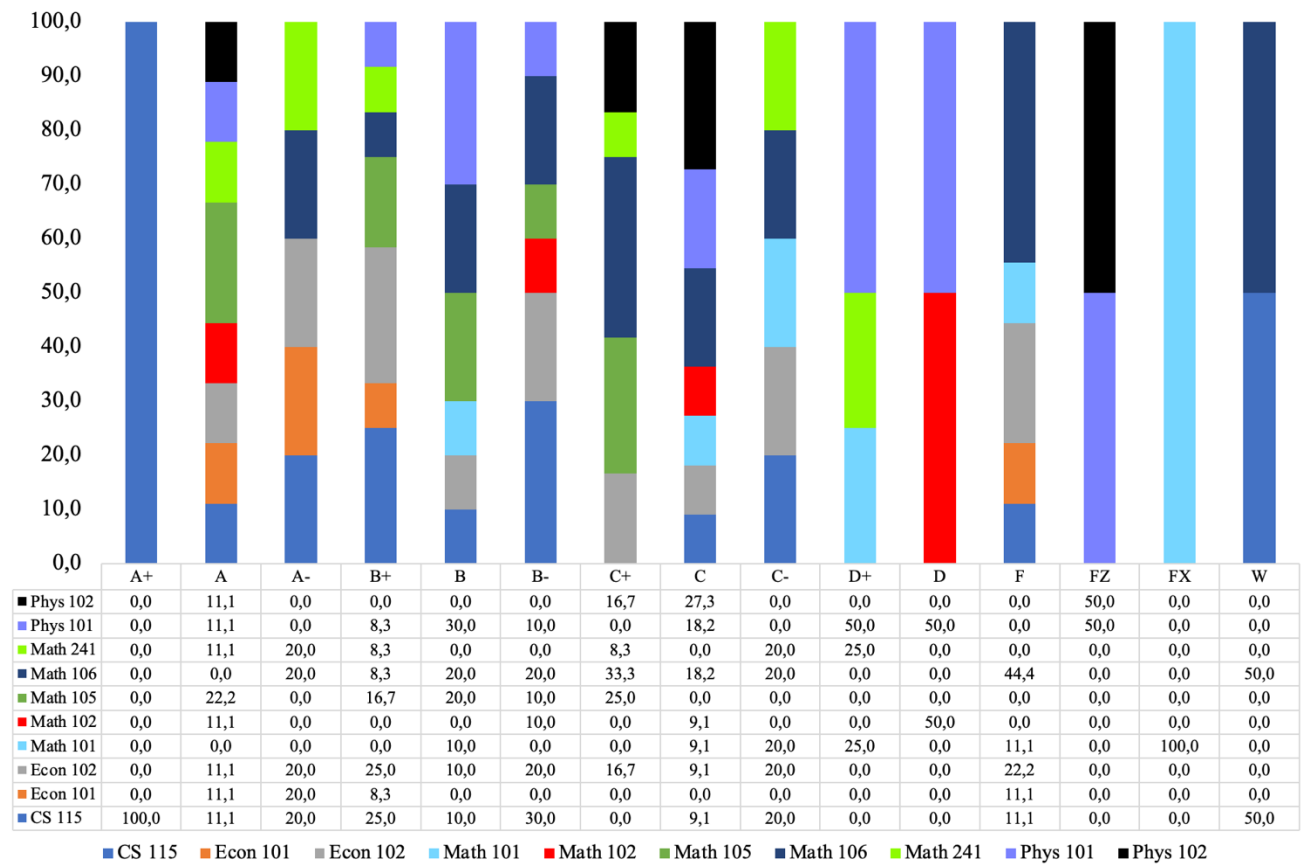


Figure 3: Grade distribution of the Students attended to the 2022-2023 Spring tutoring Sessions (%)

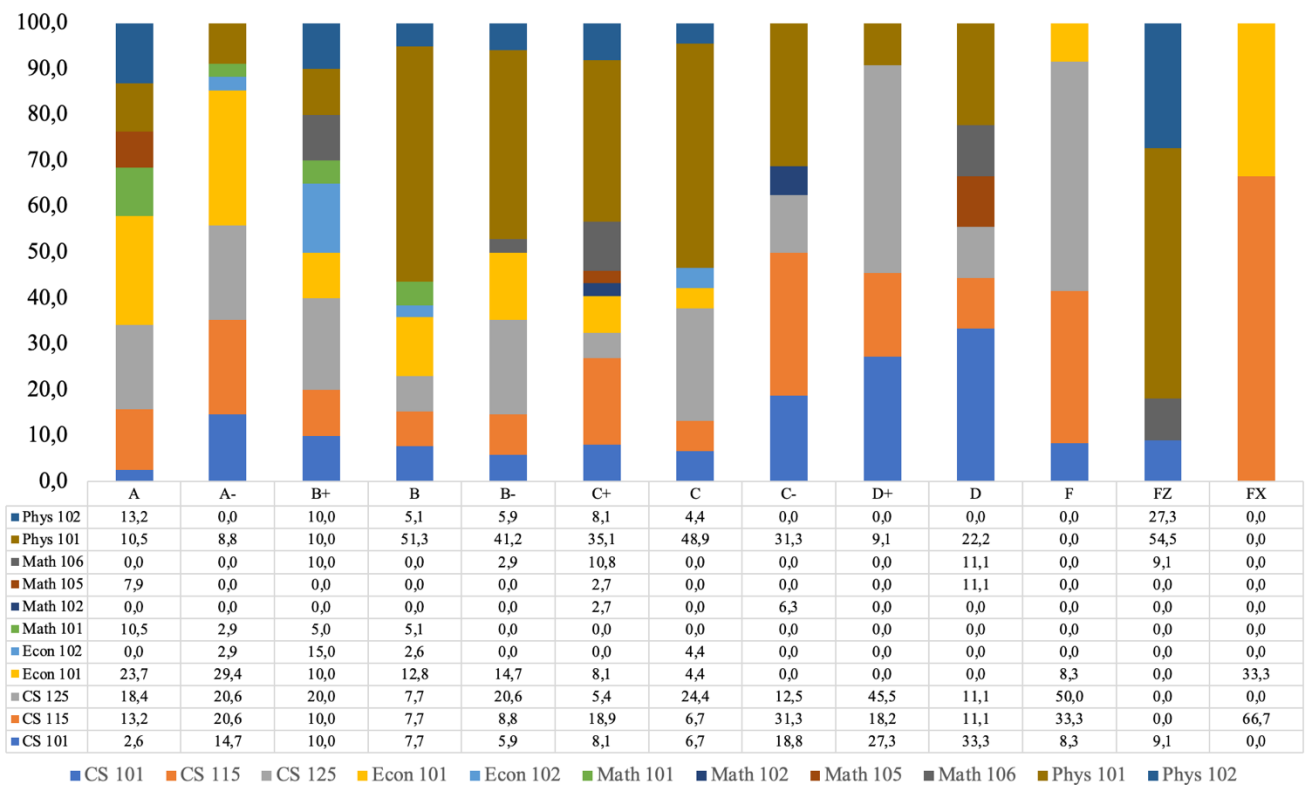


Figure 4: Grade distribution of the Students attended to the 2023-2024 Fall tutoring Sessions (%)

1.1.2 Conference

Bilkent Well-Being Days were organized and coordinated by BTLSC, PDGM and the Philosophy Department on 1 April 2023. This year is the 2nd year of the conference, and the theme was “Wellbeing in Difficult Times”. Conference language was Turkish. Poster of the Bilkent Well-Being Days is presented in Appendix 2, and the program of Bilkent Well-Being Days is presented in Table 5. In total, 55 students participated to the conference.

Table 5 : Program of Bilkent Well-Being Days

| Title | Presenter | Time |
|---------------------------------------|-----------------------------|-------------|
| Deprem ve Psikolojimiz | Prof. Dr. Hakan Türkçapar | 13:00-13:50 |
| Varoluş ile Stoacı Yüzleşme | Dr. Öğr. Üyesi Tufan Kıymaz | 14:00-14:50 |
| Sağlık için Uyku: Uyku için İpuçları | Klinik Psikolog Beliz Kemik | 15:00-15:30 |
| Düzenli Fiziksel Egzersiz ve İyi Oluş | Dr. Ceren Gürdere | 15:30-16:00 |
| Sürdürülebilir Sağlıklı Beslenme | Can Selim Yılmaz | 16:00-16:30 |

1.1.3 Seminars

BTLSC offered a series of online and face to face seminars to improve students’ learning skills and to equip the students with effective strategies to succeed in higher education. 39 seminars organized and 8792 students participated to the seminars. Except five of the seminars, all of the other seminars were organized and coordinated with the help of Psychological Counselling and Development Center (PDGM). Table 6 summarizes the seminars.

Table 6 : Students Seminars

| Title | # of participants | Date |
|--|-------------------|------------------|
| Psikolojik İlk Yardım Semineri | 170 | 13 February 2023 |
| PDGM Paylaşım Grubu | 7 | 16 February 2023 |
| Deprem Felaketi ile Başa Çıkmanın Yolları (GSTMF) | 50 | 17 February 2023 |
| Deprem Felaketi ile Başa Çıkmanın Yolları Hakkında Danışmanlık | 10 | 24 February 2023 |
| Deprem Felaketi ile Başa Çıkmanın Yolları Hakkında Danışmanlık (Radyo Bilkent) | * | 25 February 2023 |

| | | |
|---|------|-------------------|
| Bilkent İyi Oluş Günleri 2 | 55 | 1 April 2023 |
| Yalnızlıktan Konuşalım Söyleşisi | 67 | 8 May 2023 |
| Stresli Düşüncelerimizi Değiştirmek | 61 | 9 May 2023 |
| Depresyon Bozuklukları Üzerine | 45 | 10 May 2023 |
| Beden Algısı ve Düünden Bugüne Değişen Güzellik Kavramı | 16 | 12 May 2023 |
| Psikolojik Travma Sonrası Büyüme | 42 | 16 May 2023 |
| Duygu regülasyonu: Duygularımızı Tanıma ve Duygusal Zekâ | 51 | 17 May 2023 |
| Acımasız İç Sese Karşı Öz Şefkat | 45 | 18 May 2023 |
| Mutsuzluktan Kaçılmalı mı? Yoksa Mutsuzluğa Sarılmalı mı? | 72 | 22 May 2023 |
| Sağlıklı Romantik İlişkiler | 115 | 24 May 2023 |
| Kayıplardan Sonra Hayata Devam Etmek | 90 | 26 May 2023 |
| Eğitim Öğretim Çağdaş Uygulamalar ve Bilkent (GE 100) | 2324 | 8 September 2023 |
| Üretken Yapay Zekâ (GE 100-1. oturum) | 1326 | 11 September 2023 |
| Üretken Yapay Zekâ (GE 100-2. oturum) | 963 | 11 September 2023 |
| Üniversiteye Başlarken Sağlıklı İlişkiler (GE 100) | 154 | 9 September 2023 |
| Yararlı Alışkanlıkların Gelişimi: Öz disiplin Bilmecesi (GE 100) | 151 | 9 September 2023 |
| Üniversite Yaşamına Başlarken: Performans Kaygısı ve Sosyal Anksiyete (GE 100) | 152 | 9 September 2023 |
| Cinsel Taciz ve Saldırısı Raporlama ve (Psikolojik Gelişim) Önleme Birimi (SHARP) | 1528 | 11 September 2023 |
| Cinsel Taciz ve Saldırısı Raporlama ve (Psikolojik Gelişim) Önleme Birimi (SHARP) | 784 | 12 September 2023 |
| PhilFest'23 Bilkent Felsefe Şenliği | * | 23 September 2023 |
| Peer Tutoring | 21 | 8 October 2023 |
| Üniversitede Yaşam Yolculuğu Etkinlikleri I: Psikolog, Felsefeci ve Eğitimci Bakış Açısı ile Zaman Yönetimi ve Erteleme | 45 | 31 October 2023 |

| | | |
|--|-------------|------------------|
| Building Resilience: Protective Factors Against Addictive Disorders | 25 | 6 November 2023 |
| Özgüveni Keşfetmek | 60 | 7 November 2023 |
| Strese Neden Olan Düşünceleri Değiştirmek | 75 | 8 November 2023 |
| Kendi Elinden Tutmak: Öz şefkatli Yaklaşım | 63 | 9 November 2023 |
| Bağımlılık: Bildiklerimiz ve Ötesi | 73 | 14 November 2023 |
| Üniversitede Yaşam Yolculuğu Etkinlikleri II: Psikolog, Felsefeci ve Eğitimci Bakış Açısı ile Umut ve Motivasyon | 32 | 14 November 2023 |
| Akademik Kaygı | 74 | 15 November 2023 |
| Peer Tutoring Focus Group | 21 | 24 November 2023 |
| Stres Yönetimi Psiko eğitim Grubu 3. Oturum | 7 | 29 November 2023 |
| Stoic Philosophy of Emotion (HAZIRLIK) | 12 | 5 December 2023 |
| Mükemmeliyetçilik ve Alışkanlık Yönetimi (HAZIRLIK) | 10 | 14 December 2023 |
| Sınav Kaygısıyla Başa Çıkma (HAZIRLIK) | 1 | 20 December 2023 |
| Total | 8792 | |

*unknown participant number

1.1.4 Study Groups

BTLSC offered a series of online and face to face study groups to improve students' psychological resilience and to equip the students with effective strategies to succeed and cope with the problems in higher education. 41 study groups organized and 380 students participated to the study groups. All of the study groups were organized and coordinated with the help of PDGM. Table 7 summarizes the study groups.

Table 7: Students Study Groups Organized by PDGM under the Coordination of BTLSC

| Title | # of participants | Date |
|--|-------------------|---------------|
| Performans Kaygısı ve Sosyal Anksiyete 1. Oturum | 14 | 13 March 2023 |
| Performans Kaygısı ve Sosyal Anksiyete 2. Oturum | 11 | 13 March 2023 |
| Performans Kaygısı ve Sosyal Anksiyete 3. Oturum | 8 | 13 March 2023 |

| | | |
|--|----|---------------|
| Performans Kaygısı ve Sosyal Anksiyete 4. Oturum | 10 | 13 March 2023 |
| Duygu Regülasyonu 1. Oturum | 8 | 14 March 2023 |
| Duygu Regülasyonu 2. Oturum | 10 | 14 March 2023 |
| Duygu Regülasyonu 3. Oturum | 10 | 14 March 2023 |
| Duygu Regülasyonu 4. Oturum | 8 | 14 March 2023 |
| Stres Yönetimi 1. Oturum | 12 | 15 March 2023 |
| Stres Yönetimi 2. Oturum | 13 | 14 March 2023 |
| Stres Yönetimi 3. Oturum | 8 | 14 March 2023 |
| Stres Yönetimi 4. Oturum | 8 | 14 March 2023 |
| Sağlıklı Romantik İlişki Nedir, Ne Değildir? 1. Oturum | 7 | 16 March 2023 |
| Sağlıklı Romantik İlişki Nedir, Ne Değildir? 2. Oturum | 6 | 16 March 2023 |
| Sağlıklı Romantik İlişki Nedir, Ne Değildir? 3. Oturum | 5 | 16 March 2023 |
| Sağlıklı Romantik İlişki Nedir, Ne Değildir? 4. Oturum | 6 | 16 March 2023 |
| Psikolojik Dayanıklılık 1. Oturum | 17 | 24 March 2023 |
| Psikolojik Dayanıklılık 2. Oturum | 13 | 24 March 2023 |
| Psikolojik Dayanıklılık 3. Oturum | 13 | 24 March 2023 |
| Psikolojik Dayanıklılık 4. Oturum | 11 | 24 March 2023 |
| 1. Art Therapy Sessions | 10 | 2 June 2023 |
| 2. Art Therapy Sessions | 9 | 2 June 2023 |
| 3. Art Therapy Sessions | 3 | 2 June 2023 |
| 4. Art Therapy Sessions | 5 | 2 June 2023 |
| 5. Art Therapy Sessions | 8 | 2 June 2023 |
| 6. Art Therapy Sessions | 5 | 2 June 2023 |
| 7. Art Therapy Sessions | 5 | 2 June 2023 |
| 8. Art Therapy Sessions | 6 | 2 June 2023 |
| 1. Psychological Resilience Sessions | 12 | 31 May 2023 |

| | | |
|--|----|------------------|
| 2. Psychological Resilience Sessions | 8 | 31 May 2023 |
| 3. Psychological Resilience Sessions | 8 | 31 May 2023 |
| 4. Psychological Resilience Sessions | 7 | 31 May 2023 |
| Psikolojik Dayanıklılık Psikoeđitim Grubu 1. Oturum | 16 | 24 November 2023 |
| Psikolojik Dayanıklılık Psikoeđitim Grubu 2. Oturum | 12 | 24 November 2023 |
| Psikolojik Dayanıklılık Psikoeđitim Grubu 3. Oturum | 10 | 24 November 2023 |
| Stres Yönetimi Psikoeđitim Grubu 1. Oturum | 17 | 29 November 2023 |
| Stres Yönetimi Psikoeđitim Grubu 2. Oturum | 14 | 29 November 2023 |
| Stres Yönetimi Psikoeđitim Grubu 3. Oturum | 7 | 29 November 2023 |
| Performans Kaygısı ve Sosyal Anksiyete Psikoeđitim Grubu 1. Oturum | 8 | 12 December 2023 |
| Performans Kaygısı ve Sosyal Anksiyete Psikoeđitim Grubu 2. Oturum | 7 | 12 December 2023 |
| Performans Kaygısı ve Sosyal Anksiyete Psikoeđitim Grubu 3. Oturum | 5 | 12 December 2023 |

1.2 Faculty Services

1.2.1 Faculty Seminars

BTLSC offered a series of online seminars, workshops and faculty conversation hours in various aspects of higher education teaching and learning to support continual development of teaching and learning to faculty. These seminars bring instructors together to share ideas across disciplines. They also help instructors develop and improve their teaching skills, expand their repertoire of teaching methods, and gain new perspectives on teaching at Bilkent. Guest presenters from both Bilkent and other universities have conducted online seminars. The seminars and workshop subjects can be categorized as:

- psychological first aid in traumatic experiences
- best practices in teaching and learning
- course design that promotes active learning and critical thinking
- use of educational technologies, such as Generative Artificial Intelligence

In total, 626 faculty members were participated to the seminars given in 2023. All seminars (n = 10) were given online except new faculty orientation seminar. Table 8 summarizes the seminars organized to develop and improve instructors teaching skills, expand their repertoire of teaching methods, and gain new perspectives on teaching at Bilkent by BTLSC.

Table 8: Faculty Seminars and Workshops Organized by BTLSC

| Title | Given by | # of participants | Date |
|--|---------------------------------------|-------------------|-------------|
| Understanding and managing the main Psychological Problems Experienced by Students (1st day) | İ. Selin Günhan Bilkent University | 25 | 16 Jan 2023 |
| Understanding and managing the main Psychological Problems Experienced by Students (2nd day) | İ. Selin Günhan Bilkent University | 18 | 17 Jan 2023 |
| Understanding and managing the main Psychological Problems Experienced by Students (3rd day) | İ. Selin Günhan Bilkent University | 11 | 18 Jan 2023 |
| Psychological First Aid in Traumatic Experiences | Dr Nedret Öztan Bilkent University | 316 | 15 Feb 2023 |
| Psychological First Aid in Traumatic Experiences | Dr Nedret Öztan Bilkent University | 42 | 17 Feb 2023 |
| Psychological First Aid in Traumatic Experiences - Hazırlık | Dr Nedret Öztan Bilkent University | 108 | 17 Feb 2023 |

| Title | Given by | # of participants | Date |
|--|---|-------------------|---------------------|
| New Faculty Orientation (1. and 2. session) | Dr Armağan Ateşkan Bilkent University | 13 | 22 Feb 2023 |
| GenAI at Bilkent: Perceptions of Faculty Members and Students | Dr Armağan Ateşkan Bilkent University | 27 | 28 -29 Sept 2023 |
| GenAI at Bilkent: Best practices in teaching and learning | Dr Jennie Lane Yan Overfield Shaw Melanie Kincl Anthony Scott Bilkent University | 43 | 15 Nov 2023 |
| Enhancing Critical Thinking Skills in Education | Dr Tufan Kıymaz Bilkent University Elif Çalışırer Günaydın Özel Bilkent High School | 23 | 29 Nov 2023 |
| Total | | 626 | |

Satisfaction Analysis of Faculty Seminars

In Faculty Seminars, both quantitative and qualitative data were collected through an online questionnaire (See Appendix 3). An online form of questionnaire (12 items) was created by using googleforms. The questionnaire was distributed via e-mail in three seminars listed in Table 8. In total, 23 out of 93 faculty members participated to the online questionnaire.

According to the results of the questionnaire analysis, the faculty members attended seminars to:

- listen to the opinions of their colleagues
- improve themselves about teaching and learning
- wonder about the studies done in the area
- learn more about the topic of their interest

Participants' satisfaction of the organized events was measured through five-point Likert scale items and where 1=not at all and 5= to a great extend.

The descriptive statistics of participants' satisfaction according to the attended seminar are presented in Table 9. The standard deviations range from 0.78 to 1.15 indicating a narrow spread around the mean. This means that participants had similar opinions about satisfactions.

Based on the interpretation for the range of five-point Likert scales items, overall mean scores in all measured three seminars stated that the participants were thinking that the workshop address their expectations, and they find it useful. They are thinking that the information will be useful to their teaching practice.

Table 9 : Satisfaction analysis of all evaluated three seminars

| N = 23 | Central Tendency | |
|--|------------------|-----------|
| | <i>M</i> | <i>SD</i> |
| To what extent did the workshop address your expectations | 4.04 | 0.93 |
| To what extent did you find this workshop useful | 4.17 | 0.78 |
| To what extent will the information be useful to your teaching practice? | 3.65 | 1.15 |

The participants like the seminars because it is a platform for them to have a network with faculty members form other departments, the seminar helped them to change their perceptions about the specific topic, practical and informative sessions. The faculty members would like to spend more time on discussions and experience more examples of applications from different disciplines.

1.2.2 Faculty Conversation Hours

BTLSC offered a series of online faculty conversation hours in various aspects of higher education teaching and learning to support continual development of teaching and learning to faculty. In total, 52 faculty members were participated to the faculty conversation hours in 2023. Table 10 summarizes the faculty conversation hours organized to develop and improve instructors teaching skills, expand their repertoire of teaching methods, and gain new perspectives on teaching at Bilkent by BTLSC.

Table 10 : Faculty conversation hours by BTLSC

| Title | # of participants | Date |
|---|-------------------|---------------|
| Best practices in online teaching and learning | 9 | 21 March 2023 |
| Engaging Faculty Perspectives: Obstacles and Opportunities with Artificial Intelligence | 20 | 12 May 2023 |

| Title | # of participants | Date |
|--|-------------------|-------------|
| GenAI at Bilkent: Reflections on the Fall Semester | 23 | 20 Dec 2023 |
| Total | 52 | |

1.2.3 BETS Activities

BETS also carried out activities for supporting faculty members about the use of technology. Here are 2 activities and web tutorials designed by BETS.

- Creation of the self-access training resource: "Moodle @ Bilkent: Fundamentals and Possibilities" 29.10.23
evidence: <https://gen3moodle.bilkent.edu.tr/course/view.php?id=200>
- Session for the FAE program Induction for new instructors with 6 participants on Weds. 6th September 2023, titled: "Moodle Course Design: Fundamentals and Possibilities"

Web tutorials

- 2023/12/04 - "Instructor FAQ - How can I generate Turnitin reports for work submitted to a non-Turnitin-enabled assignment?" <http://web3.bilkent.edu.tr/tutorial/tutorials-for-instructors/instructor-faq/how-can-i-generate-turnitin-reports-for-work-submitted-to-a-non-turnitin-enabled-assignment/>
- 2023/10/07 - "Instructor FAQ - How can I add a video file to Moodle?" <http://web3.bilkent.edu.tr/tutorial/tutorials-for-instructors/instructor-faq/how-can-i-add-a-video-file-to-moodle/>
- 2023/06/26 - "Instructor FAQ - Can I provide Audio/Video feedback on Moodle assignments?" <http://web3.bilkent.edu.tr/tutorial/tutorials-for-instructors/instructor-faq/can-i-provide-audio-video-feedback-on-moodle-assignments/>

2 This year services vs previous year services

This section presents a comparison of both students and faculty services provided in 2023 with that in 2022.

2.1 Student Services

Number of all services and participated students are more in 2023 than in previous years. Conference, Bilkent Well-Being Days were organized, and this year is the 2nd year of the conference. In Fall 2023-2024, the research initiated about peer tutoring service to improve it. Detailed peer tutor meetings were done for the first time in this semester. The types of student seminars were varied as well including different perspectives of experts at the stage which gives interaction chance to the students with the experts. Table 11 presents descriptive statistics of the students' services according to years. Students' engagement in seminars and peer tutoring sessions have increased. In 2022, less students were tutored than in 2023, and the number of courses included in tutoring service, and the number of study groups were increased.

Table 11: Students' services

| Seminars | 2022 | | 2023 | |
|---------------|-----------|---------------|-----------|---------------|
| | # | # of Students | # | # of Students |
| Seminars | 40 | 3638 | 39 | 8972 |
| Conference | 1 | 284 | 1 | 55 |
| Study Groups | 8 | 124 | 41 | 380 |
| Peer Tutoring | 10 Course | 370 | 12 Course | 404 |

2.2 Faculty Services

The number of seminars during 2023 about teaching, and instructional designs are almost same with that of 2022 (see Table 12). However, the number of participants is more than that in 2022. BETS did not organize any face-to face seminar. A new service, New Faculty Orientation were organized to engage new faculty in Bilkent Teaching and Learning ecosystem.

Table 12: Faculty services

| Services | 2023 | | 2022 | |
|------------------------------------|-----------|-------------------|-----------|-------------------|
| | # | # of participants | # | # of participants |
| BTLSC Seminars | 10 | 626 | 6 | 427 |
| Faculty Conversations Hours | 3 | 52 | 8 | 84 |
| BETS | - | - | - | - |
| Total | 13 | 678 | 14 | 511 |

3 Future Plans

In terms of strategy, BTLSC will continue to organize events (seminars, tutoring sessions) not only to raise campus awareness, but also to increase interest and disseminate easy-to-utilize practices in both teaching and learning processes. In the long term, the BTLSC's work reveals interests and needs in the areas of instructional technology, instructional theories, assessment, and flexible online instructional and learning design. We aim to find ways to support these emerging requests in future planning.

In addition to the existing services given and organized by BTLSC (tutoring, seminars, workshops, etc.) following plans will be initiated:

1. Form a working group of faculty members representing each faculty. It will help BTLSC to find out the specific students' and faculty members' needs.
2. Organize a training for peer tutors and provide certificates
3. Collaborate more with BETS team to organize PDs for the faculty members
4. Increase both the number and success of repeating students in the tutoring sessions
5. Organize workshop for the faculty members about assessment
6. Pilot "Health Awareness Workshop" for the faculty members (one department)
7. Develop a written guideline for new teaching techniques (i.e. use of GenAI in education) and alternative assessment

Appendices

Appendix 1 Weekly Schedules of Tutoring Sessions

CS 101: Algorithms and Programming I

| Semester | Day | Time | Tutor | Medium of tutoring session |
|-----------------|--------|-------------|------------------------------------|----------------------------|
| Fall 2023- 2024 | Monday | 18:00-20:00 | Begüm Filiz Öz Ömer Bıçakcıoğlu | Face-to-Face |

CS 115: Introduction to Programming in Python

| Semester | Day | Time | Tutor | Medium of tutoring session |
|------------------|--------|---------------|--|----------------------------|
| Spring 2022-2023 | Monday | N/A | Asaf Kaya | N/A |
| | Friday | | Tarık Murat Bartu Arda Çınar Demirtaş | |
| Fall 2023- 2024 | Monday | 18:00 – 20:00 | Seden Zengin Şevval Yılmazer | Face-to-Face |
| | Sunday | 12:00-14:00 | Arda Kara Ruşen Ali Yılmaz | Face-to-Face |

CS 125: Introduction to Data Analysis for Social Sciences

| Semester | Day | Time | Tutor | Medium of tutoring session |
|-----------------|---------|-------------|--------------------|----------------------------|
| Fall 2023- 2024 | Monday | 18:00-20:00 | Ahmet Nuri Kirişci | Face-to-Face |
| | Monday | 18:00-20:00 | Ahmet Ömür Özkurt | Face-to-Face |
| | Tuesday | | | |

Econ 101: Introduction to Economics I

| Semester | Day | Time | Tutor | Medium of tutoring session |
|------------------|------------|---------------|--------------|-----------------------------------|
| Spring 2022-2023 | Tuesday | N/A | Alper Durmuş | N/A |
| Fall 2023- 2024 | Monday | 12:30 – 13:20 | Ahmet Tikici | Face-to-Face |
| | Tuesday | 12:30 – 13:20 | Ahmet Tikici | Face-to-Face |
| | Wednesday | 18:00 – 20:00 | Ahmet Tikici | Face-to-Face |

Econ 102: Introduction to Economics II

| Semester | Day | Time | Tutor | Medium of tutoring session |
|------------------|------------|---------------|--------------|-----------------------------------|
| Spring 2022-2023 | Thursday | N/A | Nida Aktaş | Online - Zoom Meeting |
| Fall 2023- 2024 | Thursday | 18:00 – 20:00 | Serhan Dağlı | Face-to-Face |
| | Friday | 12:30 – 13:20 | Serhan Dağlı | Face-to-Face |

Math 101: Calculus I

| Semester | Day | Time | Tutor | Medium of tutoring session |
|------------------|------------|---------------|-----------------------|-----------------------------------|
| Spring 2022-2023 | Monday | N/A | Taşkın Haktanıyan | N/A |
| | Thursday | | | |
| Fall 2023- 2024 | Tuesday | 12:30 – 13:20 | Ahmet Faruk Çetinkaya | Face-to-Face |
| | Wednesday | 18:00-19:00 | Rıfat Altaş | Face-to-Face |
| | Thursday | 18:00-19:00 | Emre Uçar | Face-to-Face |

Math 102: Calculus II

| Semester | Day | Time | Tutor | Medium of tutoring session |
|------------------|------------|-------------|---------------------|-----------------------------------|
| Spring 2022-2023 | Tuesday | N/A | Eslim Rana Emiroğlu | N/A |
| | Thursday | N/A | M.Günalp Farsak | N/A |
| Fall 2023- 2024 | Tuesday | 18:00-19:00 | Emre Kulkul | Face-to-Face |

Math 105: Introduction to Calculus I

| Semester | Day | Time | Tutor | Medium of tutoring session |
|------------------|-----------|---------------|-------------------|----------------------------|
| Spring 2022-2023 | Wed &Thu | N/A | Mehmet Enes Çakır | N/A |
| | Tuesday | N/A | Ali Efe İlik | N/A |
| Fall 2023- 2024 | Wednesday | 18:00 – 19:00 | Gizem Zorlu | Face-to-Face |

Math 106: Introduction to Calculus II

| Semester | Day | Time | Tutor | Medium of tutoring session |
|------------------|----------|---------------|---------------------|----------------------------|
| Spring 2022-2023 | Monday | N/A | İsmail Hakkı Bayer | N/A |
| | Tuesday | N/A | Gökhun Melih Yüce | N/A |
| | Thursday | N/A | Betül Sıla Pehlivan | N/A |
| Fall 2023- 2024 | Tuesday | 12:30 - 13:20 | Sıla Çetin | Face-to-Face |

Math 241: Calculus II

| Semester | Day | Time | Tutor | Medium of tutoring session |
|------------------|-----------|------|-------------------|----------------------------|
| Spring 2022-2023 | Tue & Thu | N/A | Kadir Kaan Durmaz | N/A |
| | | | Ömer Faruk Keskin | |

Phys 101: General Physics I

| Semester | Day | Time | Tutor | Medium of tutoring session |
|------------------|------------|-------------|-----------|----------------------------|
| Spring 2022-2023 | Monday | N/A | Bora Ünlü | N/A |
| | Wednesday | | | |
| Fall 2023- 2024* | 7 October | 10:00-12:00 | Bora Ünlü | Face-to-Face |
| | 12 October | 18:00-19:30 | | |
| | 11 Nov | 10:00-11:30 | | |
| | 16 Nov | 18:00-19:30 | | |

Phys 102: General Physics II

| Semester | Day | Time | Tutor | Medium of tutoring session |
|------------------|------------|-------------|-----------------------------------|----------------------------|
| Spring 2022-2023 | Tuesday | N/A | Yiğit Narter | N/A |
| | Friday | | | |
| Fall 2023- 2024* | 7 October | 10:00-11:30 | Baran İsmet Macun Hasan Özekin | Face-to-Face |
| | 12 October | 18:00-19:00 | | |
| | 12 Nov | 16:00-16:30 | | |
| | 15 Nov | 18:00-19:00 | | |

*Peer tutoring service for Phys 101 and Phys 102 courses in Fall 2023-2024 semester was supported by video recordings of problem-solving sessions

<https://www.youtube.com/channel/UChhXATHFCHJp0HyKO7OoAQ>

Appendix 2 Poster of Bilkent Well-Being Days

Bilkent İyi Oluş Günleri 2

13:00 - 13:50
Prof. Dr. Hakan Türkçapar
Psikiyatrist
Deprem ve Psikolojimiz

14:00 - 14:50
Dr. Tufan Kıymaz
Felsefe Öğr. Üyesi
Varoluş ile Stoacı Yüzleşme

15:00 - 16:30
Beliz Kemik
Klinik Psikolog
Sağlık İçin Uyku: Uyku İçin İpuçları

Dr. Ceren Gürdere
Klinik Psikolog
Düzenli Fiziksel Egzersiz ve İyi Oluş

Can Selim Yılmaz
Uzm. Diyetisyen
**Sürdürülebilir
Sağlıklı Beslenme**

**Zor Zamanlarda
İyi Oluş**

**1 Nisan 2023
Cumartesi**
Mithat Çoruh Amfi

GE 250/251
Puanı verilecektir



Bilkent Psikolojik Danışma ve Gelişim Merkezi
Bilkent Öğretim ve Öğrenim Destek Merkezi

Appendix 3 BTLSC Seminar Feedback Form



BTLSC Seminar Feedback - Enhancing Critical Thinking Skills in Education

armagan.ateskan@gmail.com [Hesap deęiřtir](#)



Paylařılmıyor

* Zorunlu soruyu belirtir

Why did you attend this seminar?

Yanıtınız _____

What were your expectations?

Yanıtınız _____

To what extent did the seminar address your expectations (1=not at all; 5=to a large extent) *

1 2 3 4 5

To what extent did you find this seminar useful (1=not useful at all; 5=very useful)

1 2 3 4 5

To what extent will the information be useful to your teaching practice? (1=not at all; 5=to a large extent)

1 2 3 4 5

What did you like about the seminar?

Yanıtınız _____

What did you dislike?

Yanıtınız _____

What could be done to improve future seminars?

Yanıtınız _____

What topics would you recommend for future seminars?

Yanıtınız _____

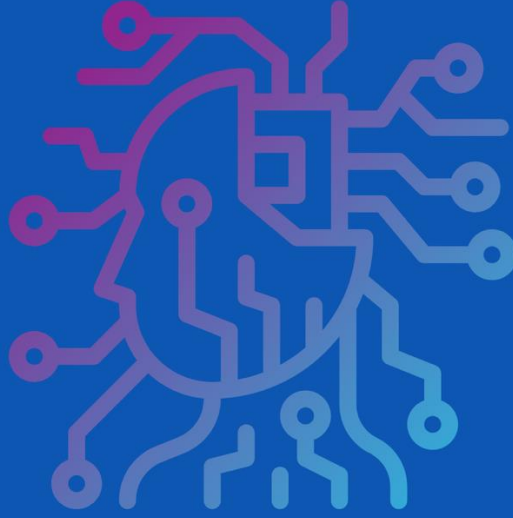
Is there anything else you'd like to share about this seminar?

Yanıtınız _____

Appendix 4 Sample Seminar Posters*

GenAI at Bilkent: Perceptions of Faculty Members and Students

Join us for a session on GenAI in
education. October 17th, 12:30-13:20,
zoom



send an e-mail to btlsc@bilkent.edu.tr for zoom information



ÜNİVERSİTEDE YAŞAM YOLCULUĞU II:
PSİKOLOG, FELSEFECİ VE EĞİTİMCİ
BAKIŞ AÇISI İLE

UMUT VE MOTİVASYON

Uzm. Psk.
Sinem Zeynep
Kepenek
PSİKOLOG

Dr. Tufan
Kıymaz
FELSEFECİ

Dr. Armağan
Ateşkan
EĞİTİMCİ

14 Kasım 2023 Salı
18:00-19:30
C Blok Amfi

GE 250/251 (10 puan verilecektir)
Etkinlik Türkçedir.

Bilkent Psikolojik Danışma ve Gelişim Merkezi
Bilkent Öğretim ve Öğrenim Destek Merkezi

*more to be found at <https://www.bilkent.edu/bilkent/teaching-and-learning-support-center/events/past-events-for-faculty/>

Appendix 5 Peer Tutoring Announcement



CS 101, CS 115, CS 125, ECON 101, ECON 102,
MATH 101, MATH 102, MATH 105, MATH 106,
PHYS 101, PHYS 102

BILKENT TEACHING AND LEARNING SUPPORT CENTER (BTLSC)

&

ACADEMIC STUDENT COORDINATION UNIT (ASCU)

PEER TUTORING SESSIONS

FOLLOW BTLSC'S WEBSITE FOR DETAILS!

STARTING ON THE 9TH OF OCTOBER

CHECK THE SCHEDULE

