**FE 103 GENERAL CHEMISTRY**

**Departments:** Mechanical Eng., Industrial Eng., Opt. Eng., Eng. of Physics

**2025-2026 Fall Semester Program**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ED. | Groups | Time | Place | Instructor |
| First Ed. | Group 1 | Monday: 13:30-15:10 Thursday: 13:30-15:10 | MD 3 | Assoc. Prof. Dr. Hatice Neval ÖZBEK |
| Group 2 | MD 10 | Assist. Prof. Dr. Fatih BALCI |
| Group 3 | MD 11 | Assist. Prof. Dr. Burcu GÖKKAYA ERDEM |
| Group 4 | MD 2 | Assoc. Prof.Dr. Abdulaziz KAYA |
| Second Ed. | Group 1 | Monday: 20:40-22:20 Thursday: 20:40-22:20 | MD 15 | Assoc. Prof.Dr. Abdulaziz KAYA |

Note: It is not allowed to change the groups. The list of the groups is below.

**Notes:**

1. There will be 2 midterms and one final exam. Midterms account for 30% of the average score, while the final exam accounts for 40% at the end of the semester.
2. Attendance must be at least 70% to pass the lecture.
3. A scientific calculator is necessary, and the use of smartphones is not allowed as a substitute.
4. Please make sure to check the web page before the lectures. It's important to stay informed about any updates, announcements, or shared information. If something is not mentioned on the web page provided below, please don't assume it to be true.
5. If you have any further questions, feel free to send an email. Please include your name, department, student number, and clearly state the issue. Then, just wait for a response.
6. For more details, please follow the official web page of Assoc. Prof.Dr. Hatice Neval Özbek.

<https://akbis.gantep.edu.tr/detay/?A_ID=185189_ars-gor_hatice-neval-ozbek>

**TENTATIVE WEEKLY SCHEDULE**

|  |  |
| --- | --- |
| **Date** | **Chapters** |
| Thursday, 25 September 2025 | Meeting and Welcome |
| Monday, 29 September 2025 | 1. Matter- Its Properties and Measurement |
| Thursday, 2 October 2025 | 2. Atoms and the Atomic Theory |
| Monday, 6 October 2025 | 2. Atoms and the Atomic Theory |
| Thursday, 9 October 2025 | 3. Chemical Compounds |
| Monday, 13 October 2025 | 3. Chemical Compounds |
| Thursday, 16 October 2025 | 4. Chemical Reactions |
| Monday, 20 October 2025 | 4. Chemical Reactions |
| Thursday, 23 October 2025 | 6. Gases |
| Monday, 27 October 2025 | 6. Gases |
| Thursday, 30 October 2025 | 7. Thermochemistry |
| Monday, 3 November 2025 | **Midterm I** |
| Thursday, 6 November 2025 | 7. Thermochemistry |
| Monday, 10 November 2025 | 12. Intermolecular Forces: Liquids and Solids |
| Thursday, 13 November 2025 | 12. Intermolecular Forces: Liquids and Solids |
| Monday, 17 November 2025 | 12. Intermolecular Forces: Liquids and Solids |
| Thursday, 20 November 2025 | 14. Solutions and Their Physical Properties |
| Monday, 24 November 2025 | 14. Solutions and Their Physical Properties |
| Thursday, 27 November 2025 | 15. Principles of Chemical Equilibrium |
| Monday, 1 December 2025 | 15. Principles of Chemical Equilibrium |
| Thursday, 4 December 2025 | 15. Principles of Chemical Equilibrium |
| Monday, 8 December 2025 | 16. Acids and Bases |
| Thursday, 11 December 2025 | 16. Acids and Bases |
| Monday, 15 December 2025 | **Midterm II** |
| Thursday, 18 December 2025 | 16. Acids and Bases |
| Monday, 22 December 2025 | 13. Spontaneous Changes: Entropy and Free Energy |
| Thursday, 25 December 2025 | 13. Spontaneous Changes: Entropy and Free Energy |
| **Final Exam:06.01.2026** | |
| **Resit Exam:14.01.2026** | |

**Reference Book:** General Chemistry: Principles and Modern Applications 11th ed. Ralph H. Petrucci and William S. Harwood. Prentice-Hall International, Inc., New York.

**GROUPS**

| GROUP | ED. | DEP. | STU. NUM. | NAME-SURNAME |
| --- | --- | --- | --- | --- |
| 1 | First | OPAC | 200119011034 | KA\*\*\*\* KA\*\*\*\* |
| 1 | First | OPAC | 230119011016 | SE\*\*\*\* AĞ\*\*\*\* |
| 1 | First | OPAC | 230119011024 | SE\*\*\*\* BA\*\*\*\* |
| 1 | First | OPAC | 240119011004 | RÜ\*\*\*\* AL\*\*\*\* |
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| 1 | Second | ME (İ.Ö.) | 210111012117 | AL\*\*\*\* AB\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 210111012123 | MO\*\*\*\* AB\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 210111012133 | AB\*\*\*\* JA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 210111012136 | YA\*\*\*\* AB\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 210111012141 | AB\*\*\*\* AB\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012021 | YU\*\*\*\* DE\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012023 | MU\*\*\*\* AĞ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012025 | RA\*\*\*\* ER\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012027 | ON\*\*\*\* Bİ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012028 | AY\*\*\*\* İN\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012029 | YU\*\*\*\* HA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012041 | AB\*\*\*\* UL\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012049 | AH\*\*\*\* DU\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012057 | Bİ\*\*\*\* TO\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012059 | HA\*\*\*\* KA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012063 | ÖZ\*\*\*\* DU\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012074 | EN\*\*\*\* KA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012075 | ME\*\*\*\* EF\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012079 | ME\*\*\*\* UL\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012082 | MA\*\*\*\* YA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012084 | NE\*\*\*\* YÜ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012086 | ME\*\*\*\* DA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012111 | Bİ\*\*\*\* ÖZ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012116 | ÖZ\*\*\*\* Çİ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 220111012139 | BU\*\*\*\* DO\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012002 | AB\*\*\*\* DA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012022 | AY\*\*\*\* KA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012023 | İB\*\*\*\* AK\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012024 | SA\*\*\*\* KO\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012026 | SE\*\*\*\* KI\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012034 | MU\*\*\*\* ER\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012048 | BE\*\*\*\* ÖZ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012049 | MU\*\*\*\* EK\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012050 | ÖZ\*\*\*\* SA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012057 | SE\*\*\*\* UZ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012068 | MA\*\*\*\* KO\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012071 | MU\*\*\*\* İS\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012083 | ME\*\*\*\* ÇE\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012086 | UL\*\*\*\* TI\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012088 | GE\*\*\*\* OĞ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012092 | Bİ\*\*\*\* SA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012095 | SE\*\*\*\* KO\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012103 | OĞ\*\*\*\* AK\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012109 | MU\*\*\*\* AK\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012111 | MU\*\*\*\* AÇ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012113 | AH\*\*\*\* BA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012114 | AH\*\*\*\* KA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012118 | AR\*\*\*\* GÜ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012119 | MU\*\*\*\* UZ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012122 | MÜ\*\*\*\* TO\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012128 | Nİ\*\*\*\* PO\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012130 | HÜ\*\*\*\* SÖ\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012132 | AB\*\*\*\* BI\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012140 | YU\*\*\*\* BE\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 230111012142 | M-\*\*\*\* TA\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 240111012005 | MU\*\*\*\* BE\*\*\*\* |
| 1 | Second | ME (İ.Ö.) | 240111012007 | MU\*\*\*\* ŞE\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 210114012068 | MU\*\*\*\* KA\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 210114012100 | JA\*\*\*\* KH\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 210114012106 | EL\*\*\*\* EL\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012005 | AH\*\*\*\* İS\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012030 | ME\*\*\*\* KA\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012031 | SE\*\*\*\* DO\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012035 | ER\*\*\*\* SA\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012039 | İB\*\*\*\* YA\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012043 | ME\*\*\*\* MA\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012044 | EZ\*\*\*\* Bİ\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012047 | BU\*\*\*\* EL\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012057 | AY\*\*\*\* DE\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012058 | BÜ\*\*\*\* DE\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012060 | BE\*\*\*\* NA\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012065 | RÜ\*\*\*\* Bİ\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012066 | GÜ\*\*\*\* AR\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012073 | Sİ\*\*\*\* AŞ\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012083 | FU\*\*\*\* HA\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012098 | MU\*\*\*\* ÖZ\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 220114012100 | FU\*\*\*\* ŞA\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012001 | AB\*\*\*\* AL\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012012 | GÜ\*\*\*\* DE\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012018 | SU\*\*\*\* AL\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012026 | YA\*\*\*\* TE\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012028 | ZE\*\*\*\* KA\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012035 | ZE\*\*\*\* ŞA\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012036 | MU\*\*\*\* AL\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012038 | AB\*\*\*\* ÇE\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012051 | SÜ\*\*\*\* BÜ\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012057 | KÜ\*\*\*\* AS\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012066 | DO\*\*\*\* KI\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012068 | FU\*\*\*\* DO\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012077 | EM\*\*\*\* ÇE\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012080 | EN\*\*\*\* TE\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 230114012102 | AS\*\*\*\* SÖ\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 240114012003 | ZE\*\*\*\* TA\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 240114012007 | ME\*\*\*\* AS\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 240114012011 | AS\*\*\*\* ZE\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 240114012016 | AH\*\*\*\* AB\*\*\*\* |
| 1 | Second | IE (İ.Ö.) | 250114012002 | AL\*\*\*\* ÖZ\*\*\*\* |