

## CHEM 1035/1045 Enrollment Information

Summer Orientation 2022

### **ELIGIBILITY FOR ENROLLMENT IN CHEM 1035/1045**

- To enroll in CHEM 1035, students must qualify by having the appropriate AP or IB score in chemistry or calculus, by having credit for a math class or CHEM 1014, or by earning the minimum score on the ALEKS Placement Assessment. Eligibility requirements are found here: <https://chem.vt.edu/academics/undergraduate/chem-readiness.html>. Students will not be able to enroll in CHEM 1035 until they have met one of the eligibility requirements.
- There is one placement assessment for both CHEM 1035 and MATH 1225. An email about this assessment was sent to advisors in the Spring 2022 semester, but more information on the placement assessment can be found here: <https://chem.vt.edu/academics/undergraduate/chem-readiness/faq.html>. Also, the CHEM 1035 Eligibility Quick Guide is included at the end of this document.
- Students in majors that require CHEM 1035/1045 for graduation have received multiple emails through Slate about this Placement Assessment; please ensure that your advisees are aware of this requirement.

### **CHEM 1034 FOR STUDENTS WHO COULD BENEFIT FROM EXTRA HELP IN CHEM 1035**

- There are several sections of CHEM 1034, General Chemistry Recitation, in the Fall 2022 timetable. This 1 credit, pass-fail class is intended to provide extra support for students who are eligible for CHEM 1035, but who have weaker math foundations and desire extra problem-solving practice. Each week, CHEM 1034 students complete a worksheet and have the opportunity to get help with CHEM 1035 concepts from the recitation instructor.

### **CHEM 1014 FOR STUDENTS WHO ARE NOT ELIGIBLE FOR CHEM 1035**

- Students who do not become eligible for enrollment in CHEM 1035/1045 should enroll in CHEM 1014, Chemistry Calculations. CHEM 1014 focuses on skills such as solving word problems, using a calculator, and manipulating algebraic expressions with the end goal of preparing students for success in CHEM 1035 in a subsequent semester.

### **WAITLIST FOR OTHER MAJORS**

- Students whose current majors do not require CHEM 1035 for graduation may not enroll in CHEM 1035/1045 at this time.
- These students can place their names on the wait list found here: <https://viriniatech.questionpro.com/t/AVixcZswa6>
- We will place as many waitlist students as we can into CHEM 1035, beginning about August 15. Students on the wait list will have to become CHEM 1035 eligible before enrolling in CHEM 1035.

Questions:

Prior to June 30, 2022, contact Patricia Amateis at [pamateis@vt.edu](mailto:pamateis@vt.edu).

After June 30, contact Shami Arachchige at [arachsm@vt.edu](mailto:arachsm@vt.edu)

## CHEM 1035 Placement at Virginia Tech

Virginia Tech will continue to use ALEKS PPL to assess students for placement into CHEM 1035.

1. Access to CHEM 1035 ALEKS Placement Assessments opened March 9, 2022.
2. Students have access to three attempts. In contrast to 2021-2022, no *additional* attempts will be released prior to the Spring 2023 semester. Spring 2023 admits/transfers will have access to three attempts.
  - o Students only have access to a single ALEKS cohort, and cannot access unused assessments in a future cohort.
    - § Example 1: Student completes at least one assessment in the Summer/Fall 2022 cohort. This student only has access to assessments through August 24, 2022. If the student does not use all three available assessments, any unused assessments expire. The student cannot enroll in the Spring 2023, or any future, ALEKS cohort. If the student is 'not eligible for CHEM 1035', the student must successfully complete CHEM 1014, MATH 1014, MATH 1025, MATH 1214, MATH 1536, or MATH 1225 to earn eligibility to enroll in CHEM 1035.
    - § Example 2: Student does not complete any assessments in the Summer/Fall 2022 cohort (e.g. Spring admit or changed majors). This student *can* enroll in a (single) future cohort, and will have access to three assessments.
3. CHEM 1014, Calculations in Chemistry, 3 credits, will be offered in Summer Academy. A passing grade in CHEM 1014 will earn eligibility to enroll in MATH 1225 for Fall 2022.
4. CHEM 1014 will be offered in-person in Fall 2022. A passing grade in this course will earn eligibility to enroll in CHEM 1035 in Spring 2023.

**IMPORTANT:** Students are strongly advised to complete their VT ALEKS Placement Assessments early, especially if they will consider taking CHEM 1014 over the summer. We suggest that students determine their eligibility no later than June 13, 2022 (Hokie Scheduler opens for student registration).

Evaluation	<p>Similar to Fall 2021, incoming students will NOT receive an evaluation based on SAT/transcript data.</p> <p>All incoming and transfer students who intend to take CHEM 1035 in Fall 2022 will be required to</p> <ul style="list-style-type: none"><li>• earn a score of 61 or better on the ALEKS Placement Assessment - OR -</li><li>• have a qualifying score on AP/IB/CLEP. The score must be reported to VT and appear in Hokie SPA. - OR -</li><li>• have credit for CHEM 1014, MATH 1014, MATH 1025, MATH 1214, MATH 1536, or MATH 1225.</li></ul>
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Hokie SPA	<p>Students and advisors can view a student's CHEM 1035 eligibility through the orientation page on Hokie SPA. CHEM 1035 ALEKS Placement scores are processed nightly.</p> <ul style="list-style-type: none"> <li>• Eligible to enroll in CHEM 1035</li> <li>• Not eligible to enroll in CHEM 1035</li> <li>• CHEM 1035 eligibility not yet evaluated</li> </ul>
Deadline	To be guaranteed a seat in CHEM 1035 through a qualifying VT ALEKS Placement Assessment score, the score must be received no later than June 13, 2022. Seats may be available for students qualifying after June 13, but are not guaranteed.
Attempts	Three (3) VT ALEKS Placement Assessments will be available to earn eligibility for Fall 2022. Access began on March 9, 2022.
Proctoring	Proctored remotely with LockDown Browser and Respondus Monitor.
Restrictions	<p>The following restrictions apply to VT ALEKS Placement Assessments:</p> <ul style="list-style-type: none"> <li>• minimum of 3 hours spent in Prep &amp; Learning Module between each assessment AND;</li> <li>• minimum 24-hour waiting period between each assessment.</li> </ul>
Fee	Free of charge for students
Notification	<p>Students in majors requiring CHEM 1035 will be notified of CHEM 1035 Placement guidelines and ALEKS access, via email, beginning March 9, 2022. Emails will continue to be sent as students accept admission (3 days after acceptance).</p> <p>While only students in select majors will receive email notification, any incoming student is eligible to take a CHEM 1035 ALEKS Placement Assessment.</p> <p>Reminder emails are sent monthly, during the first week of April, May and June. A final reminder will be sent during the second week of June. After the second week of June, further follow up should be organized within advising departments.</p> <p>Beginning Tuesday, April 19, 2022, the Mathematics began offering free, online, content support. Students were notified of the availability, and reminders will be included in the May and June emails to students. Students can view available hours, and access the Zoom rooms by self-enrolling in the <a href="#">Canvas site</a>.</p>