

Carl R. Ice College of Engineering

Student Guide to Success

HOMEWORK

- Make time for study periods each week. Each period should equal three times the number of hours you are enrolled in: 12 hours = 36 hours of study time per week.
- Be sure to complete all homework assignments as soon as possible.
- Complete extra homework problems; the more practice, the better.
- Learn to apply theories learned, using the problem-solving method.
- Memorize definitions, equations, etc. as suggested by the instructor.

STUDY WITH OTHERS

- Being a part of a study group helps avoid procrastination. Study groups can help you develop as a student, person, and professional.
- Study groups are also a more efficient use of time as they help minimize the time spent on difficult problems.
- Learning to organize and work with a team can help enhance your project and homework grades as well as build team skills for career opportunities.

** Always verify with your instructor whether teamwork on a project or homework is allowed.*

DISTRACTIONS

- Finding a place to study without distractions is essential for maintaining good grades.
- Avoid studying at home. Find a quiet place to study such as a library, common room or tutoring center.
- Keep track of how many breaks you take. It is recommended that you take five- to 15-minute breaks every 50-90 minutes of studying.
- Studying with peers is a great way to maximize your study time. However, make sure you avoid distractions by keeping focus. Making a schedule or to-do list can help keep the group on task.
- To reserve a private study room in the engineering complex, visit engg.k-state.edu/reserve.

Success is nothing more than a few simple disciplines practiced every day.

EXAM PREPARATION

- After you have completed a new homework assignment, work one problem from every previous assignment every week of the semester without any notes or help. This will help determine what areas you need to study most.
- Practice working on homework problems until the easy ones can be completed in under five minutes and the longer problems can be completed in under 10 minutes.
- In the week leading up to the exam, rework all problems expected to be on the exam. Practice with study partners recalling all theorems and facts required to be memorized. Make use of study methods such as flash cards.

ASK FOR HELP

- It is never too late to ask for help! Difficulty with mathematics, science or engineering courses is expected. It is nothing to be ashamed of!
- Be sure to utilize instructors' office hours on a regular basis in order to understand concepts that are creating a struggle.
- Free tutoring, academic assistance and review sessions are available through Scholars Assisting Scholars (SAS). SAS tutoring is held in the Burns & McDonnell Collaborative Learning Lab (CLL), 1112 Engineering Hall. Tutoring is available in the following subjects:
 - CHM 210- Chemistry 1
 - CHM 230- Chemistry 2
 - ECON 110- Macroeconomics
 - MATH 220- Calculus 1
 - MATH 221- Calculus 2
 - MATH 222- Calculus 3
 - MATH 340- Differential Equations
 - PHYS 213- Engineering Physics 1
 - PHYS 214- Engineering Physics 2
- To view tutor schedules, visit engg.k-state.edu/sas.

*Success is achieved and maintained by those who **try** and **keep trying**.*

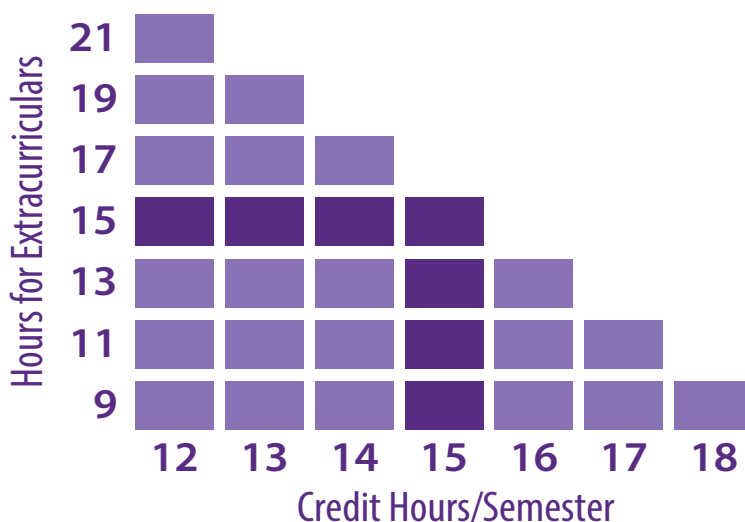
BALANCE

- Set a schedule for the week so you can organize your time as best as possible.
- Reward yourself for accomplishing your tasks and make sure to take a 5- to 15-minute break for every hour of studying.
- Work ahead if your class allows it to help prevent procrastination and decrease stress.
- Make time to relax and spend time with friends and family.

COMMITMENTS

- Take commitments seriously. This is an opportunity to create positive impressions and potential career connections.
- Know your limitations and don't over book yourself.
- Write your commitments down and communicate them with others. This will help you and others stay accountable.
- Academic coaches can help answer questions and create an individualized strategy for success. To schedule a one-on-one session with an academic coach, visit k-state.edu/aac/academic-coaching.

Recommended Commitments Per Semester



*Success is a series of small **wins**.*