New Student Orientation & Enrollment

OKLAHOMA STATE UNIVERSITY
Welcome to CEAT
College of Engineering, Architecture, and Technology
Engineering

AEROSPACE ENGINEERING (AERS)
- Mechanical dual degree

MECHANICAL ENGINEERING (MEEN)
- Pre-medical Option

COMPUTER ENGINEERING (CPE)
- Computer Science Minor
- Electrical dual degree program

ELECTRICAL ENGINEERING (ELEN)
- 5 specialized options in Professional School
Engineering

BIOSYSTEMS ENGINEERING (BAE)
- Bioprocessing & Food Processing Option
- Biomechanical Option
- Environment & Natural Resources Option

CHEMICAL ENGINEERING (CHEN)
- Biomedical/Biochemical Option
- Pre-medical Option

CIVIL ENGINEERING (CIVE)
- Environmental Option

INDUSTRIAL ENGINEERING & MANAGEMENT (IEM)
- Optional 1½-Year MBA Add-On
Architecture

ARCHITECTURE (ARCH)

• 5-Year Program

ARCHITECTURAL ENGINEERING (ARCE)

• Structures Option
• Mechanical/Electrical/Plumbing Option
• Construction Project Management Option
• 5-Year Program
Technology

CONSTRUCTION MANAGEMENT TECHNOLOGY (CMT)
- Building Option
- Heavy Option

FIRE PROTECTION & SAFETY ENGINEERING TECHNOLOGY (FPSE)
- Safety & Prevention Focus

ELECTRICAL ENGINEERING TECHNOLOGY (EETE)
- Computer Option

MECHANICAL ENGINEERING TECHNOLOGY (MET)
- Mechanical Design
- Mechanical Power
- Manufacturing
OTHER ACADEMIC PROGRAMS

CEAT MINORS

- Architectural Studies: History & Theory
- Fire Protection Systems
- Homeland Security & Technology
- Nuclear Engineering
- Petroleum Engineering
- Safety & Exposure Sciences

OTHER MINORS

OSU offers 100+ minors you can choose from:

- Business
- Dance
- Math
- Science
- Foreign Language
- Literature

registrar.okstate.edu/minors-and-certificates
First stop in your search for information

Student Resources
Academic Calendar
Catalog information
Degree Requirements

myOKSTATE
Directory
Google search

______.okstate.edu

- Excellent Source of Information
- Search Bar
- University Directory
- Links to Campus student portal
Additional Information

• University Student Disability Services
  – 315 Student Union. support services includes:
    • Specialized testing.
    • Classroom accommodations.
    • Accessible textbooks.
    • Access to Assistive Technology (AT).

• FERPA-Family Educational Rights and Privacy Act.
  – Students have control over educational information
    • The institution cannot share information without permission
    • This is controlled using a FERPA Proxy info, which can be updated in the student’s my.okstate.edu
    • They will have an opportunity to update this info tomorrow during enrollment.
studentservices.okstate.edu

Career Services

Tutoring and Academic Coaching

Student Organizations

Academic Advising

Diversity programs
Important Dates
Laptop requirements
Undergrad research
Much more!
CEAT Career Services
studentservices.okstate.edu/career

CEAT Career Fair - Sept. 18th
Departmental Career Fairs
HireOSUGrads
Resume Reviews
Mock Interviews
Professional Development Workshops
Being a CEAT Student is Challenging
BUT WE’RE HERE TO HELP

CEAT Student Excellence Center
Walk-in tutoring in the ATRC on Sunday-Friday for Engineering, Science, & Math

Math Learning Success Center (MLSC)
5th floor of Edmon Low Library Sunday-Friday

LASSO Academic Assistance
One-on-one tutoring sessions. Academic Success Coaches and Supplemental Instruction.

Departmental Tutoring
Physics, Chemistry, and many other departments offer free tutoring opportunities
CEAT has many opportunities for students to get involved!

Research ~ Competition Teams ~ Study Abroad ~ Student Organization
Living Learning Communities ~ Community Service ~ Much More!
CEAT Academic Advising

Advising

- Specific advisor assigned to you!
- Help ensure success
- Answer questions
- Connect to campus resources
- Provide support & encouragement

You must see your advisor at least once every semester
Make your appointment **early**.
Enrollment hold until you have this appointment

*FastTrack Advising - Walk-in help every weekday in the ATRC.*
FRESHMAN YEAR
- Introduction to Engineering
- General Chemistry for Engineers
- Composition I
- Calculus I
- Engineering Design with CAD for MAE

SOPHOMORE YEAR
- Statics
- Elementary Dynamics
- Thermodynamics
- Fluid Mechanics
- General Physics II
- Strengths of Materials
- General Physics I
- Calculus III
- Differential Equations
- Survey of American History
- American Government
- Introduction to Electrical Science

Overall GPA, Technical GPA, OSU Specific GPA, classes and grade requirements vary across majors
# Math Placement Exam (ALEKS)

<table>
<thead>
<tr>
<th>To place into:</th>
<th>Score</th>
<th>Already have credit for:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1513 College Algebra (with co-requisite)</td>
<td>30-44</td>
<td>OR None</td>
</tr>
<tr>
<td>MATH 1513 College Algebra</td>
<td>45</td>
<td>OR MATH 1483</td>
</tr>
<tr>
<td>MATH 1813 Prep for Calculus (with co-requisite)</td>
<td>53-59</td>
<td>OR None</td>
</tr>
<tr>
<td>MATH 1813</td>
<td>60</td>
<td>OR MATH 1513</td>
</tr>
<tr>
<td>MATH 2123 Calculus for Technology 1</td>
<td>65</td>
<td>OR MATH 1813</td>
</tr>
<tr>
<td>MATH 2144 Calculus 1 (with co-requisite)</td>
<td>70-74</td>
<td>OR None</td>
</tr>
<tr>
<td>MATH 2144 Calculus 1</td>
<td>75</td>
<td>OR MATH 1813</td>
</tr>
</tbody>
</table>

Each program is designed to start in a certain MATH course; for example, Industrial Engineering—Calculus I; Mechanical Engineering Technology—College Algebra; Construction Management Technology—Calculus for Technology. Starting in a different math course than your program may result in summer classes or more time to graduation. ALEKS score is also used for science placement.
Advising and Enrollment tomorrow

• Using math placement scores, and previous credit, advisors generate course recommendations.
• Each student will meet with an advisor to discuss options, preferences and personalize an enrollment plan.
• Most students take between 14 and 16 credit hours in their first semester.
• If you have AP scores, college credit, or CLEP exam scores, BRING proof of them with you tomorrow.
• Student will enroll in classes with help from Orientation Leaders.
• Before student’s leave, an advisor will verify completion of enrollment.
Did everyone fill out this form this morning?

Advisors will use this form to plan your enrollment and discuss your class options.
Laptop Requirements

CPU: Intel i5 (i7 recommended)
RAM: 8GBytes of memory
Hard Drive: 500 GB HDD or 256 GB SSD
Screen: 14 inch or larger
Graphics: Graphics card with at least 2GB of video memory
It is recommended that you verify the video card is certified to work with AutoCAD on the AutoDesk website
https://knowledge.autodesk.com/certified-graphics-hardware
and/or SolidWorks on the SolidWorks website
http://www.solidworks.com/sw/support/videocardtesting.html
Network: Wireless capability with 802.11 b/g/n or ac/n
Operating system: Windows 7x64 bit or Windows 8x64 bit
Questions???

110 Engineering North
(405)744-5276
studentservices.okstate.edu

We are dedicated to YOUR Excellence!