College of Engineering

Welcome
College of Engineering
Academic Affairs

Dr. Keith Thompson, Associate Dean for Academic Affairs
VT EMAIL

Your VT email
• is the official contact method for the university
• check and read on a daily basis!
Academic Advising

Who is your academic advisor?

• See Hokie Spa under View General Student Information

How do I make an appointment?

• Use navigate to schedule an appointment.
Resources and Support

https://www.eng.vt.edu/resources
Samantha Wilhelmi, LCSW
Counselor for Engineering

Email: samanthaw22@vt.edu
Phone: (540) 231-6557

Reach out if you experience the following:
- If the way you normally handle stress is no longer working
- When feeling overwhelmed or stuck
- If your school performance is suffering
- If you notice physical or psychological changes

24/7 Access to talk to a counselor, health coaching, self-care, and schedule counseling
timelycare.com/virginiatech
Services for Students with Disabilities
310 Lavery Hall, ssd@vt.edu, 540-231-3788, www.ssd.vt.edu

What is a Disability?
A physical or mental condition that substantially limits a major life activity

Examples of Accommodations
• Extended Test Time
• Reduced-distraction testing environment
• Note-taking assistance
• Priority course registration
• Modifications to the living environment
THE LIBRARY IS HERE TO HELP YOU GET STUFF DONE!

- **Fully equipped creator studios** for projects and play
- **One-on-one consultations** in person or virtually on over 40 topics such as research, online identity, and maker skills
- **Workshops & events** all year from therapy dog parties to undergraduate research skills workshops
- **7-day checkouts** on high-end cameras, audio equipment, projectors, virtual reality headsets, and board games
- **Access to millions** of print and online resources
- **Streaming movies**, Linkedin Learning, Rosetta Stone

Find it all and more at lib.vt.edu/undergrad
STUDENT SUCCESS CENTER

ACADEMIC EXCELLENCE PROGRAMS

- Tutoring
- Academic Coaching
- Student Success Seminars

STUDENT SUCCESS COURSES

- UNIV 1004: College Success Strategies
- LAHS 1014: ASPIRE (Academic Recovery)

BLACK MALE EXCELLENCE NETWORK (BMEN)

- Uplifting Black Male Conference
- Barbershop Talks
- Leadership Book Club

LOCATION: 220 Gilbert Street Blacksburg
www.studentsuccess.vt.edu
Office of Undergraduate
Academic Integrity

Dr. Kara Latopolski, Director for Academic Integrity
Honor System

• Since 1908
• Student-led process (faculty participation)
• A part of our fabric here at Virginia Tech
• Being a Hokie is about upholding and maintaining the Honor Code
• Culture of academic excellence and integrity
• Integrity in the classroom influences your work outside the classroom
Honor Code Pledge

“As a Hokie, I will conduct myself with honor and integrity at all times. I will not lie, cheat, or steal, nor will I accept the actions of those who do.”
Honor Code Tips

• Read your syllabus regularly – policies and assignment rules are noted here
• Ask for help before an assignment is due
• Follow the directions and the rules of the assignment
• Plan ahead
• Communicate with your faculty
• Review any work that is attached to your name – if you are receiving a grade for it, you are responsible for the content.
• Understand that homework is designed for you to learn
• Do not provide anyone access to your assignments past or current, even just for “reference”
• Do not provide anyone access to your computer.
• The Academic Integrity expectations for Hokies are the same in an online class as they are in an in-person class.
• Stay off of Chegg and CourseHero
• Keep your eyes on your own paper, and do not have anything out on your desk where there is not supposed to be anything.
Honor Code Sanctions

• Each year, many Hokies are responsible for engaging in Academic Dishonesty and receive grade sanctions.

• The University’s recommended sanction for a first-time instance is failure of the course with a * notation on the transcript, denoting that the failure is due to academic dishonesty.

• For second-time instances, the University’s normal sanction is expulsion (permanent dismissal) from the University.
The Office of Undergraduate Academic Integrity

103 Hillcrest Hall
540-231-9876
honorsys@vt.edu
www.honorsystem.vt.edu
Software Assistance Triage (SWAT)

• Computer support for all undergraduate engineering students!

• SWAT Contact Info:
  • Web: https://swat.eng.vt.edu
  • Ticket: https://swat.eng.vt.edu/request-help.html
  • Email: swat@vt.edu
  • Phone: (540)-231-7815
Amazon AppStream Pilot

The College of Engineering is conducting a pilot program of the Amazon Appstream virtual computing environment for Fall Semester 2023. This pilot will help students complete assignments and projects, even if their computer does not meet the Engineering computer requirements, by allowing them to log in to a virtual Windows machine over the network.

We are looking for students to participate in this pilot program. If you are interested, please fill out the following survey:

https://virginiatech.questionpro.com/t/AVf43ZylkH

If selected, you will need to regularly log in to Appstream and use the programs installed on it as well as provide feedback regarding your experience using Amazon Appstream.

Additional questions about the pilot can be directed to 540-231-9076 or engtechteam@vt.edu
View your class schedule

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Modality</th>
<th>Title</th>
<th>Grade Opt</th>
<th>Credit Hrs</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Part of Term</th>
<th>Exam</th>
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<tbody>
<tr>
<td>82629</td>
<td>CHEM 1035</td>
<td>Face-to-Face Instruction</td>
<td>General Chemistry</td>
<td>A - F</td>
<td>3.00</td>
<td>11:15 AM - 12:05 PM</td>
<td>MWF</td>
<td>DAV 281</td>
<td>Alec T. Wagner</td>
<td>1</td>
<td>CTE</td>
</tr>
<tr>
<td>82662</td>
<td>CHEM 1045</td>
<td>Face-to-Face Instruction</td>
<td>General Chemistry Laboratory</td>
<td>A - F</td>
<td>1.00</td>
<td>8:00 AM - 9:50 AM</td>
<td>R</td>
<td>HAHN N 308</td>
<td>Victoria K. Long</td>
<td>1</td>
<td>08R</td>
</tr>
<tr>
<td>83203</td>
<td>CS 1114</td>
<td>Face-to-Face Instruction</td>
<td>Intro to Software Design</td>
<td>A - F</td>
<td>0.00</td>
<td>5:30 PM - 8:00 PM</td>
<td>W</td>
<td>TORG 1040</td>
<td>Stephen H. Edwards</td>
<td>1</td>
<td>CTE</td>
</tr>
<tr>
<td>90769</td>
<td>CS 1114</td>
<td>Face-to-Face Instruction</td>
<td>Intro to Software Design</td>
<td>A - F</td>
<td>3.00</td>
<td>3:30 PM - 4:20 PM</td>
<td>TR</td>
<td>NCB 260</td>
<td>Heath Hillman</td>
<td>1</td>
<td>CTE</td>
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<tr>
<td>84629</td>
<td>ENGE 1215</td>
<td>Face-to-Face Instruction</td>
<td>Foundations of Engineering</td>
<td>A - F</td>
<td>2.00</td>
<td>2:00 PM - 3:15 PM</td>
<td>TR</td>
<td>GOODW 145</td>
<td>Staff</td>
<td>1</td>
<td>14T</td>
</tr>
<tr>
<td>90673</td>
<td>ENGL 1105</td>
<td>Face-to-Face Instruction</td>
<td>First-Year Writing</td>
<td>A - F</td>
<td>3.00</td>
<td>10:10 AM - 11:00 AM</td>
<td>MWF</td>
<td>PAM 3028</td>
<td>Joshua D. Thompson</td>
<td>1</td>
<td>10M</td>
</tr>
<tr>
<td>87024</td>
<td>MATH 1225</td>
<td>Face-to-Face Instruction</td>
<td>Calculus of a Single Variable</td>
<td>A - F</td>
<td>4.00</td>
<td>1:25 PM - 2:15 PM</td>
<td>MWF</td>
<td>RAND 211</td>
<td>Staff</td>
<td>1</td>
<td>CTE</td>
</tr>
</tbody>
</table>

*Additional Times*
- 12:30 PM - 1:20 PM, T, MCB 210

Total Credit Hours: **16.00**

Hokie Spa -> Classic Student Schedule
# Change of Major Requirements for GE FTIC

## Course Requirements
- **ENGE 1215**: Foundations of Engineering
- **ENGE 1216**: Foundations of Engineering
- **MATH 1225**: Calculus of a Single Variable
- **MATH 1226**: Calculus of a Single Variable
- **ENGL 1105**: First-Year Writing

~These courses may be substituted with **ENGE 1414**: Foundations of Engineering Practice.

## Hour Requirements
- Minimum 12 GPA Hours
- Maximum 72 Attempted Hours - includes all transfer credits, courses attempted at Virginia Tech, and course withdrawals.

## GPA Requirements
- Minimum 2.0 overall GPA
- **Guarantee**: 3.0 Overall VT GPA (for engineering students)
Upcoming Academic Dates and Deadlines

• Fall Semester Begins    August 21
• Last Day to Add a Course   August 25
• Last Day to Drop a Course  October 3

• Complete list of dates can be located at:
https://www.registrar.vt.edu/dates-deadlines/academic-calendar/2023-2024.html
Get Involved!
Engineering Social

Goodwin Hall/Lawn
2:00-4:00 p.m.

- Advisors, Faculty, & Staff
- ENGE classrooms
- Engineering Departments
- Services for Students with Disabilities
- Hokie Shops
- Student Engineers Council
- **Free Padfolio**
- Snacks
Friday, August 18 - COE Social

2:00-4:00  Engineering Social @ Goodwin Hall and Lawn

Arrive based on the following:

~ 2:00 PM - Last Names A-L (not participating in CEED Peer Mentoring or Galapatia)

~ 2:30 PM - Last Names M-Z (not participating in CEED Peer Mentoring or Galapatia)

~ 3:00 PM - CEED Peer Mentoring Students (regardless of last name)

~ 3:30 PM - Galapatia Living Learning Community Students (regardless of last name)
2:00-4:00
Engineering Social @ Goodwin Hall and Lawn
Center for the Enhancement of Engineering Diversity (CEED)

Register for the Peer Mentoring Program!

- Galileo and Hypatia Living Learning Communities
- Peer Mentoring
- **AHORA** *(Academic Hispanic OutReach Alliance)*
- **BEST** *(Black Engineering Support Teams)*
- **GUEST** *(General Undergraduate Engineering Support Teams)*
- **WEST** *(Women in Engineering Support Teams)*
- Student Transition Engineering Program (STEP)
Office of Global Engineering, Engagement and Research

• International Internships
• Study Abroad
• International Research Experience
Gobblerfest is an annual involvement fair to promote opportunities with student organizations, departments, and the broader community to kick start students’ journey to ExperienceVT.

**September 1**
**4 pm – 7 pm**

Additional Details - GooblerConnect
Explore Engineering Week
September 25, 26, 27, 28

Aerospace Engineering
Biological Systems Engineering
Biomedical Engineering
Building Construction
Chemical Engineering
Civil Engineering
Computer Engineering
Computer Science
Construction Engineering and Management
Electrical Engineering
Industrial and Systems Engineering
Materials Science and Engineering
Mechanical Engineering
Mining Engineering
Ocean Engineering
STAY INFORMED WITH ENGINEERING NEWS, EVENTS, AND UPDATES!

Virginia Tech College of Engineering
Engineering Opportunities - Virginia Tech
VTEngineering

Virginia Tech College of Engineering
VTEngineering

https://eng.vt.edu/about/media-center/social
STUDENT ENGINEERS’ COUNCIL
AT VIRGINIA TECH®
Welcome to VT Engineering
Marcelina Krowinska
President
Computer Science ’24
SECPresident@vt.edu
Collin Dunphy
Director of Finance
Computer Science ’25
What is the Student Engineers’ Council?

- Undergraduate Engineering Students Represented: 10,000+
- Engineering Student Organizations Involved: 80+
- Corporate Partners Connected with Students: 300+
- In Annual Giving to the College of Engineering & Student Groups: $300,000+
Engineering Expo

Who?
All Virginia Tech students (including first-year students)

What?
The largest career fair at Virginia Tech

When?
September 12-14 from 10-4 pm

Register at sec.vt.edu/expo

#HiredAtExpo
Engineers’ Week
Engineers’ Ball
Professional Development
SEC Philanthropy ($250k+)

- **Engineering Organization Fund ($100k+)**
  - Supports student organizations in need of materials and supplies

- **Lynn Nystrom Fund ($80k+)**
  - Supports students traveling to engineering conferences and competitions

- **Big Contribution ($50k+)**
  - Supports faculty projects in the College of Engineering

- **International Humanitarian Fund ($18k+)**
  - Supports travel and materials for student-led humanitarian projects
Supporting Student Projects
... and Student Travel
Scholarships

• **SEC Scholarship ($30k)**
  • Recurring annual scholarship awarded to Pell Grant eligible student each year

• **Torgersen Leadership Scholarship ($4k)**
  • Supporting student leaders within the College of Engineering

• **Gebreyes Service Scholarship ($4k)**
  • Supporting students who exhibit great service, on or off campus

• **Watford Inclusion Scholarship ($4k)**
  • Supporting students who work to make their communities a more inclusive place
Awards

- **Research Advisor Award ($500)**
  - Awarded to an exemplary faculty member advising students on research

- **Organization Advisor Award ($500)**
  - Awarded to an exemplary faculty member advising a student organization

- **Engineers’ Week Competition Winners ($2k)**
  - Cash award for the winners of the Engineers’ Week competition

- **College of Engineering Sporn Award ($2k bonus paid by VT)**
  - Awarded to a faculty member demonstrating excellence in the classroom
How can you get involved?

Who?
Any Engineering Student!

What?
Work alongside the SEC as a committee member and gain valuable experience

How to apply?
Make sure you join our email list and visit us at Gobblerfest to get the application in September

sec.vt.edu/first-year/get-involved
SEC First-Year Welcome Checklist

1) Attend the First-Year Social on Friday 2-4 pm in Goodwin Hall
   While there, pick up your SEC x VT Engineering padfolio

2) Polish up your resume, you are a college student now
   Visit sec.vt.edu/first-year for helpful resources

3) Register for the Engineering Expo Career Fair
   Pre-register online at sec.vt.edu/expo

4) Attend our First-Year Welcome Event
   Meet the rest of Executive Board and other first-year students

5) Check your @vt.edu email to keep up with opportunities
   Registering for Expo will place you on our email list!
STUDENT ENGINEERS’ COUNCIL
AT VIRGINIA TECH®

Next steps at
sec.vt.edu/first-year