

# Academic resources for ECAS website

## LEARNING CENTERS AND OTHER SUPPORT SERVICES

### SCIENCE LEARNING CENTER

<http://www.lsa.umich.edu/slc/>

Biology, chemistry, physics, ... Join a study group, learn about their tutoring hours, etc.

### ENGINEERING LEARNING CENTER

<http://elc.engin.umich.edu/>

273 Chrysler, next door to Cheseborough Auditorium

Tutoring and weekend supplemental instruction sections in math, science, engineering courses.

They also have practice exams before math exams, what an opportunity!

### COLLEGE OF ENGINEERING CARE CENTER

<https://care.engin.umich.edu/student-support-services/#academics>

The College's CARE center has a list of resources for both academics and many other areas.

### SWEETLAND CENTER FOR WRITING

<https://lsa.umich.edu/sweetland>

Drop in and online help with writing assignments

### COMPREHENSIVE STUDIES PROGRAM (CSP)

<https://lsa.umich.edu/csp>

CSP-specific sections for many introductory courses that provide additional support; counseling and guidance.

### OFFICE OF ACADEMIC AND MULTICULTURAL INITIATIVES (OAMI)

<https://oami.umich.edu/>

Academic coaching and holistic approach to counseling

## UM ONLINE RESOURCES

### PROBLEM ROULETTE

<https://sites.lsa.umich.edu/problem-roulette/>

Study questions for Bio 172, Chem 130, EECS 183, MCDB 310, Physics 140, Physics 240, Stats 250 and others

### SWEETLAND CENTER FOR WRITING

<https://lsa.umich.edu/sweetland/undergraduates/writing-support>

Online writing workshop and peer writing center

### ADAPTING TO ONLINE/DISTANCE/HYBRID LEARNING

<https://ai.umich.edu/wp-content/uploads/2020/03/student-disruption.pdf>

## DEPARTMENTAL TUTORING PAGES

### EECS

<https://ece.engin.umich.edu/academics/undergraduate-programs/advising/advising-office/tutoring/>

### MATH

<https://lsa.umich.edu/math/undergraduates/course-resources/tutor-list.html>

Including Math Lab and list of private math tutors

### PHYSICS

<https://lsa.umich.edu/physics/undergraduate-students/introductory-physics-courses/tutoring.html>

Including Physics help room, Physics Learning Assistants, Problem Roulette, and Society of Physics Students tutoring

### COMPUTER SCIENCE

- [EECS Office Hours](#)
- Engr 101 GSI Office: B521 Pierpont Commons

## OTHER TUTORING ORGANIZATIONS WITHIN UM

### TAU BETA PI, ENGINEERING HONOR SOCIETY

<https://tbp.engin.umich.edu/outreach/tutoring/>

They pair you up with tutors for math, physics, chem, Engr 101, etc.

### I'VE GOT YOUR BACK - Tutoring lists

<https://maizepages.umich.edu/organization/IGYB>

You can sign up to be a tutor or to get tutored

## ONLINE RESOURCES OUTSIDE OF UM

### COURSERA - [www.coursera.org](http://www.coursera.org)

Engineering, Economics, Programming, others, any courses are free

<https://www.coursera.org/umich> for University of Michigan courses

<https://online.umich.edu/coursera-for-students> - Wide range of courses

<https://www.coursera.org/course/cplusplus4c> - To review C++ programming

### KHAN ACADEMY - <https://www.khanacademy.org/>

Math, Physics, many other topics

### WYZANT - [Wyzant](https://www.wyzant.com/)

English, Math, Biology, Chemistry, Physics, Spanish. Includes a very good linear algebra review

**LINKEDIN LEARNING** - <https://www.linkedin.com/learning>

Excel, Word, Visual Basic, other software and many other skills

**MIT OpenCourseWare** - [ocw.mit.edu](http://ocw.mit.edu)

<http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-096-introduction-to-c-january-iap-2011/> to review C++

**RobertTalbertPhD** - <https://www.youtube.com/user/RobertTalbertPhD>

**MATLAB, Maple, Calculus**

**SCHAUM'S OUTLINES** -

[https://www.mhprofessional.com/schaum-s/schaum-s-outlines?binding=1881&book\\_format=22&limit=36&p=3](https://www.mhprofessional.com/schaum-s/schaum-s-outlines?binding=1881&book_format=22&limit=36&p=3)

Brief reviews of basic concepts and lots of worked out problems, great practice tools, under \$30.

Calculus, Signals, Physics, Thermo, Materials, Fluids, Circuits, Chemistry, Econ, Stats, Statics,

Mechanics, C++, others

## **OTHER RESOURCES - COLLEGE OF ENGINEERING CARE CENTER**

<https://care.engin.umich.edu/student-support-services/>

The College of Engineering CARE (Consultation, Assistance, and Resources in Engineering) Center has a list of many other resources, both academic and in other areas such as finances, health and wellness.