THE UNIVERSITY OF ALABAMA AT BIRMINGHAM

Course Syllabus

MA 252 – Intro Differential Equations

Semester: Summer 2025 **Section: MA 252-QL** **Instructor:** Dr. Atanas Stefanov

Instructor e-mail: stefanov@uab.edu **phone:** 205-934-8551 **Office location: UH 4049**

Student Hours (Office Hours)

Preferred Methods of Contact: Email is the preferred method of contact if you have questions. Please expect a response within 24 hours on weekdays and a slower response on weekends (OR Emails received after 5 pm on Friday will be returned Monday morning). Include course and section number in the subject line of your email for a faster response. I am available to meet with you in person or virtually via Zoom by appointment.

Divisive Concepts

All University faculty, instructors, and teaching staff have the academic freedom to explore, discuss, and provide instruction on a wide range of topics in an academic setting. This class may present difficult, objectionable, or controversial topics for consideration but will do so through an objective, scholarly lens designed to encourage critical thinking. Though students may be asked to share their personal views in the academic setting, no student will ever be required to assent or agree with any concept considered "divisive" under Alabama law, nor penalized for refusing to support or endorse such a concept. All students are strongly encouraged to think independently and analytically about all material presented in class and may express their views in a time, place, and manner consistent with class organization and structure, and in accordance with the University's commitment to free and open thought, inquiry, and expressions.

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Shared Values Statement

Collaboration, integrity, respect, and excellence are core values of our institution and affirm what it means to be a UAB community member. A key foundation of UAB is diversity. At UAB, everybody counts every day. UAB is committed to fostering a respectful, accessible, and open campus environment. We value every member of our campus and the richly different perspectives, characteristics, and life experiences that contribute to UAB's unique environment. UAB values and cultivates access, engagement, and opportunity in our research, learning, clinical, and work environments. Our [School] aims to create an open and welcoming environment and to support the success of all UAB community members.

Instructional Method

Online Asynchronous: These classes are designated in the Class Schedule with a section number beginning with the letter "Q". This class will be conducted entirely online through the Canvas Learning Management System and other tools. Students will not attend class on-campus. This class does not require attendance at virtual meetings.

Course Information

Course Description: (3 semester hours).

- First order differential equations – Separable, linear, exact equations.
- Direction fields, Euler method.
- Mathematical modeling: compartmental analysis, heating and cooling, Newtonian mechanics.
- Linear second order equations – homogeneous, with real and complex roots, double roots. Non-homogeneous equations: method of undetermined coefficients.
- Free and forced mechanical vibrations.
- Linear systems of differential equations – review of linear algebra (matrices, linear systems). Homogeneous systems with constant coefficients.

Quantitative Literacy is a significant component of this course. This course meets the Core Curriculum requirements for Area: Quantitative Literacy.

Learning Outcomes: Upon successful completion of this course students will be able to:

- Solve simple first order differential equations, including analyzing solutions using direction fields and numerical methods, such as Euler method.
- Apply mathematical modeling to reduce actual practical problems to differential equations of first order – including compartmental analysis, heating and cooling problems, topics in Newtonian mechanics.
- Analyze and solve second order differential equations, including modeling in applications, such as free and forced vibrations.
- Solve systems of differential equations, using the methods of linear algebra, including modeling aspects, arising in e.g. interconnected tanks.

In addition to developing specific algebraic and analytical skills these learning outcomes promote students' development of quantitative literacy, critical, analytical thinking, data-

driven decision-making, excellent communication skills, and lifelong learning and reasoning skills.

Prerequisites:

MA 126/226 Minimum Grade of C.

Required Text and Course Materials

Fundamentals of Differential Equations Digital Update 9th Edition, Pearson.

MyMathLab **ACCESS is required**. This courseware is available through Canvas with the First Day Access program.

Calculator policy: Scientific calculators may be used for homework and quizzes, but **students may not use personal calculators while taking tests**. Students will be allowed to use the **computer on-screen scientific calculator**. It would be to your advantage if you familiarized yourself with the use of the on-screen calculator *before* you have to take a test. You must use the on-screen calculator on your personal computer when testing remotely with ProctorU.

Course Time Zone

All assignment deadlines listed on this syllabus are in Central Time. If you are in a different time zone, including any traveling, you are responsible for calculating the time difference and submitting assignments or attending online meetings on time. Use the **World Official Time Zone Site** as a reference.

Course Grading and Policies

Students earn their grade in the course by accumulating points. There is a maximum of 1000 points available, extra credit points will be assigned in addition to these maximums. Student letter grades are awarded as shown below.

**Note that 879 points earns you a grade of B, not a grade of A, etc.

Number of Points	Letter Grade
880 to 1000	A
750 to 879	B
620 to 749	C
500 to 619	D
Below 500	F

Student Access to Grades

No points are available after Final exam is taken, so students should earn as many points as possible throughout the semester by completing all assignments by the deadline. NO late assignments are accepted or allowed, and no adjustments will be made after the Final exam is taken.

Note that **FINAL GRADES are awarded by TOTAL POINTS EARNED**, NOT by percentages. Percentages give students an idea of how they are doing in the class on a day-to-day basis, but they are constantly changing since they are based on the deadlines as of the current date.

Grade Element	Points	Quantity	Total Points
Homework	30	10	300
Midterm Tests	150	3	450
Final Exam	250	1	250
Total points			1000

Homework and Test grades are automatically updated and loaded into the database on a weekly basis.

Graded Assignments and Activities Descriptions

COURSE STRUCTURE - This course is computer-based, and students must have reliable access to **BlazerNet** so they can work on their assignments in Canvas and MyLab Math. Students must also ensure that they meet each of those system's requirements.

Getting Started: The first thing you must do is access for your on-line course materials.

Access for a Course in MyLab Math

All Homework, Quizzes, and Tests for this course are available only in MyLab Math. You have to register for your MyLab Math course from Canvas.

- Log in to Canvas and enter your course.
- Enter the First Day Access tab (left side menu) and click on Launch Courseware or Reveal Access code.

- If an access code is displayed, copy it to your clipboard.
- Do one of the following:
  - Select any Pearson link from any module and then select “Open Pearson”.
  - Select **Access Parson** tab on the course navigation, and then select “Open Pearson”.
- Agree to the User Agreement.
- Enter the username and password for your existing Pearson student account.
  - If you don’t have a Pearson account, select **Create** and follow the instructions. **Please use your UAB email**.

You have an account if you’ve used a Pearson MyLab or Mastering product, such as MyLab Math, MyLab IT, MyLab Spanish, MasteirngBiology or MasteringPhysics.

If prompted with purchase options, select the "Access Code" option, and paste your copied access code into the provided boxes. Select **Go to My Courses**.

More information about First Day Access:

To enhance your learning experience and provide affordable access to the right course material, this course is part of an inclusive access model called First Day. You can easily access the required materials for this course at a discounted price, and benefit from single sign-on access with no codes required in Canvas. UAB will bill you at the discounted price as a course charge for this course. The charge should show as Book Charges First Day on the student’s account in Banner. It is NOT recommended that students Opt-Out, as these materials are required to complete the course. You can choose to Opt-Out on the first day of class, but you will be responsible for purchasing your course materials at the full retail price and access to your materials may be suspended. For more information and FAQs go to https://customercare.bncollege.com/hc/en-us.

If you have recently registered for the course, it may take a few days for your access code to become visible. Be patient and check back in 24 hours. If the issue persists, contact the https://uab.bncollege.com/customer-service for assistance.

Having trouble?

- Open https://www.uab.edu/elearning/academic-technologies/first-day-access (UAB eLearning First Day Access site) for helpful tips.
- Feel free to stop by the Math Learning Lab in HHB 202 for one-on-one assistance.
- Issues with your Pearson account or using MyLab and Mastering? Click here for Pearson Support.
- Access code not working or have questions about the First Day Access Program cost or billing? Click here https://uab.bncollege.com/customer-service for the UAB bookstore.

TROUBLESHOOTING TIPS:

If you have difficulty accessing your assignments in MyLab Math, try the following steps:

- Close the browser and start over logging into Canvas. You can only access through Canvas.
- Run the Browser check to make sure you have all the needed components.
- Try a different browser. Some work better than others (use Google Chrome!)
- Contact Pearson technical support via chat.
- Have a backup plan.
- If the above steps do not work, stop by the Math Learning Lab in HHB202.

STUDENT EXPECTATION STATEMENT

The Course Syllabus and Schedule serve as a Contract by which the student must comply. An excuse of "not knowing" information covered in these documents is not an acceptable excuse for making mistakes in this class.

- Students are required to complete weekly assignments. All deadlines are based on Central Time. **There are NO EXTENSIONS of DEADLINES**.

- All students are required to obtain and use the UAB email address that is automatically assigned to them as UAB students. All official correspondence will be sent ONLY to the @UAB.edu email address. The Course Instructor will not accept e-mails sent from e-mails accounts other than UAB.

- Students are expected to check their UAB e-mail daily and respond within 48 hours to instructor emails. Regular communication via e-mail with the Course Instructor is expected. Be sure to include your name, the course and section number in all communications with your instructor.

- *Students are expected to devote an average of 5 to 6 hours per week to assignments*.

- Students are expected to have a back-up plan in the event their computer has operational problems, there is loss of electricity, or there is loss of Internet access. These are not an excuse for late or incomplete submission of assignments, nor are they acceptable reasons for an assignment deadline extension. UAB's MLL, most public libraries, school libraries, university libraries, etc. have computers with Internet access and are available for use by the public.
- Students are expected to remain in regular contact with the Course Instructor via Canvas and UAB e-mail as well as through participation in the Discussion Board and submission of assignments. The Course Instructor will communicate on the Canvas Announcement page, Discussion Board and/or via UAB e-mail.

- Because instructional materials on the course website may be copyrighted, students may not download materials on the site to their desktops, laptops, or PDAs, or alter or distribute any materials on the course site, unless clearly directed to do so.

Math Help: Math Learning Lab (MLL). The Math Learning Lab (MLL) in 202 Heritage Hall offers in person tutoring. Tutors WILL NOT help with graded assignments, solve your problems, or work with you for extended periods of time, but they WILL help guide you so that you can complete your work independently. Be sure to bring your notes, work, and materials. No appointment is needed, but *MA -252 tutors are only available at designated times*. The MLL is open Monday-Friday from the first day of class to the last day of class. Tutoring is NOT available during holidays, breaks, and Final Exam week. No food or drink allowed except bottled water.

The **University Academic Success Center (UASC)** provides students with a host of free services and resources that include Tutoring and Supplemental Instruction. For more information, go to http://www.uab.edu/students/academics/student-success.

COURSE MAP

This course is computer-based, and students must have reliable access to **BlazerNet** so they can work on their assignments in Canvas and MyLab Math. Students must also ensure that they meet each of those system's requirements.

CANVAS ASSIGNMENTS include:

- **Sample test –** Due by the end of the day on **Saturday, June 7**. The purpose of this test is mainly to test the MyLab testing system, but also to refresh some basic calculus notions. **The grade (out of 20 points) is all a BONUS** (that is, it is added to the total of 1000 points)

- **Homework -** There are 10 homework assignments that are required, and each is worth 30 points. Homework is completed and submitted in MyLab Math (access code required), but a link to the software is located in Canvas. When the homework is submitted or closed in MyLab Math, a score and percentage are given. The UAB score (out of 30 pts) for the homework can be found in Canvas.

  An maximum of 2 attempts can be made on each homework problem before the deadline, so students should be able to earn 100% on all homework. All homework is available at the beginning of the term, so students may work ahead as much as they like. Students earn full credit for

homework completed on or before the due date. **After the due date, the homework assignments are no longer accessible!**

Tests - There are 3 major Midterms and cumulative Final Exam. Tests and Final Exam are completed and submitted in MyLab Math, but a link to the software is located in Canvas. Each test is worth **150 points**, and Final exam is worth **250 points**. **All students are REQUIRED to take ALL course Tests and Final exam using remote proctoring services through ProctorU**. You will need to schedule an appointment to take your exam at least **three days** prior to the exam to avoid being charged a late scheduling fee. See the course schedule for exam dates. **UAB eLearning will NOT cover late fees or convenience testing fees.** View the **ProctorU Student Guide** for instructions for setting up your account, scheduling your appointment, and taking your exam. You will need to present official identification to take your test. See the **Accepted Forms of ID**. Read the information on **Technical Support** and **Security**. View the **ProctorU website** for more information.

We reserve the right to require a student to re-take a test with ProctorU if any testing inconsistencies or questions of academic integrity arise during the testing session or after the review of the recording by the instructor. Students will be responsible for payment of any fees to retake a Test. Academic misconduct undermines the purpose of education and can generally be defined as all acts of dishonesty in an academic or related matter and will not be tolerated.

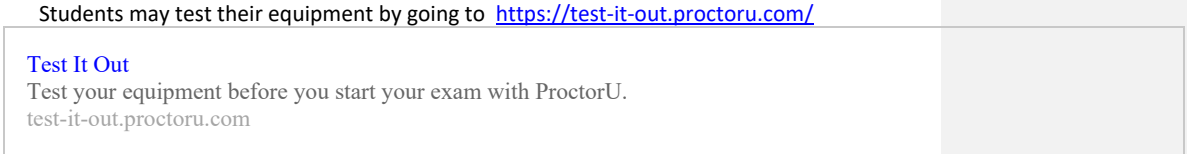
Once the test is submitted, it is scored. Midterm Exams have a 60 min time limit, Final Exam has a 150 min time limit, and they must be taken in one sitting. Students have 5 minutes after their allotted time to scan their papers (with their phones or Ipads) and submit a .pdf file with their work (to CANVAS) for grading.

Students must use the computer scientific calculator during testing. No personal calculators are allowed. Students may use scratch paper during a test, but no credit is given for work done on the scratch paper. One or more photo IDs will be required for testing.

Students take the Tests on their own schedule, but they must be taken **during the Exam window**.

Students must read the ProctorU info page in Canvas *carefully* and **make sure they have access to a computer with a microphone and a webcam well IN ADVANCE of the test deadline**. They must schedule an **appointment at least 3 days in advance** and should **test their equipment** at that time.

Students may test their equipment by going to https://test-it-out.proctoru.com/



Note that the following Cannot be used for testing with ProctorU: Chromebooks, Tablets, Linux operating systems, Virtual machines, Windows 10 in S mode, Surface RT.

More details about the technical requirements for ProctorU are found at http://proctoru.com.

Failure to take a Test with ProctorU, power outages, technical issues, student personal problems, and failure to purchase an access code are NOT acceptable reasons for missing a Test deadline. If students have problems with ProctorU, they should notify the instructor by email as soon as possible.

MAKE UP POLICY: If a student misses 1 test deadline (not including the Final Exam), the Final Exam grade will be used to replace the missed test grade if the **student formally makes a request to do so**. The student must submit a **Missed Test Grade Replacement Form which is available in Canvas in the first module** no later than 12:00 pm on the last day of classes. Note that only one missed test grade may be replaced with the Final Exam grade. All students are required to take the Final Exam.

Course Completion: The course is complete once the student takes the final exam. No other points may be earned after the final exam has been taken.

STUDENT/FACULTY INTERACTION

Interaction will take place via e-mail, Zoom, telephone (in case of emergency), Announcements, Discussion Board, and comments on graded assignments under the Assignments button in Canvas.

The student will participate in this course by following the guidelines set forth in this Syllabus and the Course Schedule, and any additional information provided by the Course Instructor.

Students are expected to remain in regular contact with the Course Instructor and class via Canvas through participation in the Discussion Board and submission of weekly problems.

The Course Instructor will communicate on the Canvas Announcement page, Discussion Board, comments on graded assignments under the Assignments button in Canvas, and/ or e-mail. **Personal communication with the instructor should be done through email.** Canvas will be used for student's deliveries of weekly problems.

The Course Instructor will check e-mails daily and will respond to e-mails containing questions, comments, and concerns within 24 hours on weekdays and a slower response on weekends (OR Emails received after 5 pm on Friday will be returned Monday morning). Include course and section number in the subject line of your email for a faster response 48 hours on weekends.

The Course Instructor will check Canvas daily and will respond to within one week of receiving.

Students are expected to review their grades and comments on Canvas assignment within one week of submitting the assignment.

TECHNOLOGY REQUIREMENTS - Students must have:

- Access to BlazerNet. Students will link to Canvas and MyLab Math here.
- A UAB email account that can be accessed on a daily basis.
- Email software capable of sending and receiving attached files.
- For TESTING, students must have a **computer with a microphone and a web cam** for remote testing with ProctorU.
- Ability to send a clear image or scan a document and create a pdf (for submitting handwritten work).
- Access to the Internet with a 56k modem or better.
- 1 GB RAM or better, 2GHz processor or better

- A personal computer capable of running Canvas and MyMathLab. Students who use older or beta browser versions will have compatibility problems with Canvas and MyMathLab.

- Virus protection software, installed and active, to prevent the spread of viruses via the Internet and email. It should be continually updated!

- Internet Access: THIS IS AN ONLINE CLASS. **Students must have access to a working computer and reliable access to the Internet**. Students can use a public library, etc. to ensure they have access, but a private computer with a microphone and web cam is needed for testing. Not having a computer, computer problems, computer crashes, loss of Internet and/or loss of electricity are NOT acceptable excuses for late work, incomplete work, or a request for an assignment deadline extension. **Students are expected to have a back-up plan** in case any of these occur.

FACULTY EVALUATION – At the end of each term, students will be notified of the requirement to fill out a Course Evaluation Form (IDEA Survey). These evaluations are completely anonymous and are online for all students. Further information will be posted in the Announcements section in Canvas.

DEADLINE DATES

Work should be completed before deadline dates **but cannot be completed after deadline dates.**

You do not have to complete homework to take tests. (However, it is recommended.)

There are no prerequisites for any of the graded assignments.

Once you take the Final Exam the course is complete, and no additional homework assignments will count toward your grade.

Homework			Major Tests
No.	Text sections	Due Date	
1	1.1, 1.2, 1.3, 1.4	06/08/25	Test 1 (HW 1-3)
2	2.2, 2.3	06/15/25	06/21/25-06/23/25
3	2.4, 3.1, 3.2	06/22/25	
4	3.3, 3.4	06/29/25	Test 2 (HW 4-6)
5	4.2, 4.3	07/06/25	07/12/25-07/14/25
6	4.4, 4.5	07/13/25	
7	4.9, 4.10	07/20/25	Test 3 (HW 7-9)
8	9.2, 9.3	07/27/25	08/02/25-08/04/25
9	5.1, 5.2	08/03/25	
10	9.5	08/10/25	Final (HW 1-10)
			08/11/25-08/14/25

UAB Policies and Resources

Add/Drop and Course Withdrawal

- Drop/Add: Deadlines for adding, dropping, or withdrawing from a course and for paying tuition are published in the **Academic Calendar.** Review the **Institutional Refund Policy** for information on refunds for dropped courses. It is the student's responsibility to initiate add/drop procedures. Students may drop and add courses online after they have registered and until the drop/add deadline using BlazerNET.
- Withdrawal: To avoid academic penalty, a student must withdraw from a course by the withdrawal deadline shown in the academic calendar and receive a grade of "W" (withdrawn). Failure to attend class does not constitute a formal drop or withdrawal. The official course withdrawal must be completed online in BlazerNET.

Academic Integrity Code

Your success while at UAB and after graduation is valued by the University. To gain and grow in the knowledge and skills needed for your future career, it is vital that you complete your own work in your courses and in your research. The purpose of the **Academic Integrity Code** is to support our academic mission and to maintain and promote academic integrity. All students in attendance at UAB are expected to pursue all academic endeavors with integrity, honor, and professionalism and to observe standards of conduct appropriate to a community of scholars.

Please be sure you understand the different forms of "academic misconduct" covered by the code. See what UAB students say about academic integrity and review the FAQs about the code on the **Student Academic Integrity webpage**.

Academic Policy Appeal

Students should request an Academic Policy Appeal when the student cannot continue in a course for reasons that are outside of the strict qualifications under this policy. Students need to submit supporting documentation showing why they cannot continue in a course. Learn more about the Academic Policy Appeal and how to submit an appeal form by visiting the **Academic Policy Appeal webpage**.

Grading Policies and Practices

UAB provides many Grading Policies to students such as Study Abroad Grading Policy, Grade Change Policy, Course Repeat, and University Forgiveness Policy. View more about the polices in the Grading Policies and Practices section of the **Undergraduate Catalog**.

Artificial Intelligence Use

Academic misconduct is present in an academic work wherever AI assistance has been used when unauthorized, or when authorized, has not been disclosed as required. Such behavior is considered deceit and a violation of UAB's shared commitment to truth and academic integrity. Deceit constitutes academic misconduct and is subject to review according to UAB's Academic Integrity Code. The use of **Generative AI Use Is strictly prohibited** in this course.

Student Conduct Code

The purpose of the University of Alabama at Birmingham ("University") student conduct process is to support the vision, mission, and shared values of the University and the tenets of the University's creed, The Blazer Way. Through a student-focused and learning-centered lens, the process strives to uphold individual and community standards; foster an environment of personal accountability for decisions; promote personal growth and development of life skills; and care for the well-being, health, safety, and property of all members of the University community.

The **Student Conduct Code** ("Code") describes the standards of behavior for all students and student organizations and outlines students' rights and the process for adjudicating alleged violations. It is set forth in writing in order to give general notice of non-academic prohibited conduct. The Code should be read broadly and is not designed to define non-academic conduct in exhaustive terms. All students and student organizations are expected to conduct themselves in accordance with the Code. The current version of the Code, which may be revised periodically, is available from the Office of Community Standards & Student Accountability.

Intellectual Property

My lectures and course materials, including PowerPoint presentations, quizzes, exams, outlines, and similar materials, are protected by copyright. You may take notes and make copies of course materials for your own use. You may not and may not allow others to reproduce or

distribute lecture notes and course materials publicly, whether or not a fee is charged, without my expressed written consent.

DSS Accessibility Statement

Accessible Learning: UAB is committed to providing an accessible learning experience for all students. If you are a student with a disability that qualifies under the Americans with Disabilities Act (ADA) and/or Section 504 of the Rehabilitation Act, and you require accommodations, please contact Disability Support Services for information on accommodations, registration, and procedures. Requests for reasonable accommodations involve an interactive process and consist of a collaborative effort among the student, DSS, faculty and staff. If you are registered with Disability Support Services, please contact me to discuss accommodations that may be necessary in this course. If you have a disability but have not contacted Disability Support Services, please call (205) 934-4205 or visit **the DSS website**.

International Students Statement

Any student on an F-1 or J-1 visa must meet all enrollment requirements for their visa to remain in good immigration standing. This includes being enrolled full-time, in at least 9 hours of in person classes, regular attendance in class, and attending classes the entire semester.

Specifically, this means that students on an F-1 or J-1 visa:

- Must start attending classes prior to drop/add every semester.
- May not stop attending classes until the last official class date or final exam stated on their syllabi or class calendars.

This is not negotiable and is necessary to protect and maintain good visa status.

Title IX Statement

In accordance with Title IX, the University of Alabama at Birmingham does not discriminate on the basis of gender in any of its programs or services. The University is committed to providing an environment free from discrimination based on gender and expects individuals who live, work, teach, and study within this community to contribute positively to the environment and to refrain from behaviors that threaten the freedom or respect that every member of our community deserves. For more information about Title IX, policy, reporting, protections, resources, and supports, please visit the **UAB Title IX webpage**.

Violence Prevention and Response Policy

The University of Alabama at Birmingham (UAB) is committed to maintaining a safe and secure educational environment and workplace, one which seeks to ensure the well-being and safety of faculty and staff, employees, students and visitors. Violence and threatened violence are prohibited by UAB. Each member of the UAB community has the responsibility to understand,

prevent, and respond appropriately to campus/workplace violence. For more information, view the **Violence Prevention and Response Policy**.

Technology

Access technical support and view privacy policies and accessibility statements for Canvas and other technologies on the **Student Learning Technologies website**. Additionally, view information about the **Minimum System Requirements and Technical Skills**.

Canvas Alerts

I may send alerts to students based on Canvas course information, such as current grades in the course, online attendance (login records), assignment due dates, and assignment scores. The alert is sent as an email to the student's UAB email address.

Health and Safety

UAB is very concerned for your continued health and safety. Please consult the **Student Health Services webpage** for up-to-date guidance because the following information is subject to change as circumstances require.

We strongly urge you to be fully vaccinated**.** Mask-wearing has proven to be one of the most successful mitigation strategies used to combat spread of the various variants of the COVID-19 virus. View information on the Immunization Requirements and Policies of the University on the **Student Health Services Immunizations webpage.**

Student Academic and Support Services

- **One Stop Student Services** provides a single point of professional integrated service to students. The One Stop serves students who need assistance with academic records, financial aid, registration, student accounting, ONE card, and other related topics.
- **Student Assistance and Support** provides individualized assistance to promote student safety and well-being, collaboration and resilience, personal accountability, and self-advocacy. The Care Team consults and collaborates with campus partners to balance the needs of individual students with those of the overall campus community. **The UAB Care Team** helps find solutions for students experiencing academic, social, and crisis situations including mental health concerns.
- **Disability Support Services** assists students with reaching accommodations for their educational experiences at UAB that ensure that they have equal access to programs, services, and activities at UAB.

- The **Vulcan Materials Academic Success Center** provides tutoring, supplemental instruction, and other services that encourage goal achievement and degree completion.

- The **University Writing Center** offers free writing assistance for all UAB students. Get help at any stage of the writing process and with any type of writing. Students may meet with a tutor in person or via Zoom. Students may also upload a paper for feedback (called eTutoring in the online system). During in-person and Zoom sessions, tutors can help you understand your assignment, develop and organize your ideas, use and cite sources, revise and edit your draft, and more. When you upload a draft for eTutoring, tutors can provide feedback on both big-picture issues and detail-oriented concerns; please note that you must upload a draft and assignment sheet to use eTutoring.

  To make an appointment or get more information, please see the **UWC website**, email **writingcenter@uab.edu**, or call 205-996-7178. Follow the UWC on **Facebook**, **Instagram**, and **LinkedIn** for daily news and quick writing tips.

- **UAB Student Health Services** delivers comprehensive, high quality, confidential, primary healthcare to students. Student Health provides testing services and vaccination clinics.

- **Student Counseling Services** offers students a safe place to discuss and resolve issues that interfere with personal and academic goals. UAB has created a new app (available in the App Store and Google Play) called **B Well**, that is designed to easily access resources on mobile devices and build a self-care plan. **Kognito** is a free, interactive simulation-based platform designed to help you talk with someone when you are worried about your mental health.

- **UAB Blazer Kitchen at the Hill Student Center** provides food and basic supplies for any UAB student in need through in-person or online shopping. Students who can are also able to donate food and supplies to assist their peers. To get more information, call 205-975-9509, email **studentoutreach@uab.edu**, or visit the **Student Assistance & Support website**.

- The **Office of Learning Technologies** provides numerous academic technologies and learning resources for students.

- **UAB Emergency Management** will be the official source of UAB information during any actual emergency or severe weather situation.

The following are the various websites describing additional student academic and technology resources:

- **UAB Policies for Students**

- **Student Academic and Support Services**

- **Technology Resources**

See also the **Student Assistance & Support** website of Student Affairs for a description of Covid-19-related resources, including the laptop loaner program.

NOTE: For Course Syllabi posted prior to the beginning of the term, the Course Instructor reserves the right to make changes prior to or during the term. The Course Instructor will notify students, via e-mail or Canvas Announcement, when changes are made in the requirements and/or grading of the course.