University *of* New Haven

TAGLIATELA COLLEGE OF ENGINEERING

Department of Electrical and Computer Engineering & Computer Science

Course Information:

CSCI 6655-01/6655-02
Web-Database Application Development
Spring 2024

Meeting Times and Location(s):
CSCI **6655-01:** Tuesday(s) 6:30 PM – 9:15 PM (ET), KAP-210 **On-Ground**
CSCI 6655-02: Saturday (s) 2:00 PM – 4:45 PM (ET), KAP-107 **On-Ground**

Credit Hours: 3

Faculty Contact Information:
Bibek Upadhayay

Office Location: Zoom meetings by prior appt.
Phone: +1-860-316-4474 **Email**: bupadhayay@newhaven.edu

You must put the email subject like this: **[S2024_Web] < your email's subject title >**

Office Hours: Zoom meetings by prior appt
Department Chair: Dr. Ali Golbazi agolbazi@gmail.com

COURSE SYLLABUS

This syllabus is informational in nature and is not an express or implied contract. It is subject to change due to unforeseen circumstances, as a result of any circumstance outside the University's control, or as other needs arise. If, in the University's sole discretion, public health conditions or any other matter affecting the health, safety, upkeep or wellbeing of our campus community or operations requires the University to make any syllabus or course changes or move to remote teaching, alternative assignments may be provided so that the learning objectives for the course, as determined by the University, can still be met. The University does not guarantee that this syllabus will not change, nor does it guarantee specific in-person, on-campus classes, activities, opportunities, or services or any other particular format, timing, or location of education, classes, activities, or services.

Course Description:
This course is designed to provide a condensed introduction to contemporary, 'full-stack' web application development methods and technologies. It emphasizes the use of JavaScript, HTML5, and CSS3 on the user's browser, and includes a raft of JavaScript tools for server-side tasks. Moreover, it includes a document-oriented NoSQL database, i.e., MongoDB, for long-term storage requirements.

This course will incorporate the "**JavsScript Everywhere" paradigm** by unifying the web-application development around a single programming language as opposed to using different languages fro the servers versus client-side programming. The material covered during the term includes an examination of the two major components of today's JavaScript-based full-stack web application development approach:

1. **Client-side—"front-end"—**user interface design and coding of HTML/CSS pages augmented with JavaScript and Single Page Application (SPA) techniques using Vue.js
2. **Server-side—"back-end"—** data management employing Node.js, a JS single-threaded processor based on Google's Chrome V8 engine, along with Express.js and special Express.js "middleware", in combination with other specialized JS packages. These provide basic HTTP services and a web API hosting platform that can support many different client interaction types. This infrastructure also contains a NoSQL document-oriented database, MongoDB, for persistent data storage.

Students will learn how to create simple—though still quite functional—web application components using well-known development tools like the MEVN stack (MongoDB + Express.js + Vue.js + Node.js) and git-based version control combined with GitHub for sharing their work products. Microsoft Visual Studio Code is the Integrated Development Environment or IDE of choice for this course. Depending on how the term progresses we may be able to learn online deployment of applications to a cloud-based hosting service such as Heroku, Netlify, or Amazon AWS.

The modality of the course will be

- **On-Ground:** Fully on-ground course with every student meeting in-person.

Required Text(s):

There will be no textbooks for the course. However, here are some references

- **Get Programming with Node.js** *1st Edition* by Jonathan Wexler (Author) / Publisher: Manning Publications; 1st edition (March 15, 2019) / ISBN-13: 978-1617294747
- **Modern JavaScript for the Impatient** *1st Edition* by Cay Horstmann (Author) / Publisher : Addison-Wesley Professional; 1st edition (July 1, 2020) / ISBN-13: 978-0136502142
- **Pro Vue.js 2** *1st Edition* by Adam Freeman (Author) / Publisher: Apress; 1st edition (September 11, 2018) / ISBN-13: 978-1484238042
- **Eloquent JavaScript**, 3rd Edition by Marijn Haverbeke (Author) / Publisher: No Starch Press (2019) / ISBN-13: 978-1593279509. [Note: This book can be downloaded as a PDF for free at https://eloquentjavascript.net/Eloquent_JavaScript.pdf]
- **New Perspectives on HTML5, CSS3, & JavaScript** 6th Edition by Patrick Carey (Author) / Publisher: Course Technology (2018) / ISBN-13: 978-1305503922

- **Web Design 6th Edition by Jennifer Campbell (2018) / Publisher**: Cengage Learning (2018) / ISBN-13: 978-1337277938

Course Structure/Course Format/Course Objectives:

The course consists of fourteen (14) 3-hour, weekly lectures and task-oriented breakout sessions delivered on the ground via an in-person class with infrastructure in addition to outside readings, tutorial tasks, and video review assignments. This is augmented by a set of written and/or coding assignments meted out during the term which need to be turned in by specific dates. A Mid-term Exam around Session #7 and a Final Exam given during UNH Exam Week will accompany shorter online quizzes—taken outside class sessions—assigned on a regular basis throughout the term. These ongoing formative assessments chiefly are designed to reinforce what the student has been learning that week and to point out areas that need more focus or review. As such they will be graded though their overall contribution in total to a final grade is relatively small. The Mid-term and Final Exams are more formal summative assessments used to gauge a student's overall level of understanding and ability to apply the course material holistically to that point in time.

Aside from the weekly in-person sessions, the main information channel for distributing course information, performing student assessments, conducting discussions, submitting assignments, and communicating with the students will be the UNH Canvas LMS environment with UNH e-mail as an adjunct for more personal communications. **Students will be required to check the course announcements and their course e-mail at least once per day throughout the semester. Ignorance of important class information through lack of regular checking will not be a reasonable excuse for any student problems that may arise.**

While there are no formal office hours scheduled, one-on-one (or even small group) meetings with the instructor can be scheduled as ad hoc Personal Zoom sessions at the student's request outside of normal class time using the Canvas Inbox or UNH e-mail. (Any updates in the office location and one-on-one meetings will be posted via announcements and email.).

Course Objectives:
The primary objective of this course is to give the UNH student hands-on experience using a modern JavaScript-based full-stack web application development environment by reading texts, working through coding tutorials, watching relevant videos, doing simple practical assignments, and finally by building working web application components using a set of state-of-the art tools.

Students will first become grounded in the history of the World Wide Web and current web trends, they then will become hands-on with a set of relevant development tools and learn how to make good application architecture choices. Next they will absorb and apply the principles of good user interface design and how to build applications with user accessibility in mind, and finally they will learn how to effectively code sets of interacting client and secured server-side application components. In other words, they should gain a sufficient amount of basic design skill and technical competence to act as a good foundation for more in-depth future study or professional work.

Note: It should be acknowledged that this single-semester, one-session-per-week university course will never be able to achieve the same amount of depth or breadth in all aspects of front-

end and back-end web development that a for-profit "Full-stack Coding Bootcamp"[1] could offer their students over a period of six months or more. Likewise, in addition to their extra length, these intensive courses typically expect at least 15 to 20+ hours per week of dedicated outside student effort which is simply not feasible in a university setting where full-time students already carry a hefty class load.

Student Learning Outcomes:

1. Be able to list the significant points in the history of the World Wide Web and describe overall trends in web application development over time.
2. Be able to explain various technical concepts, approaches, and guidelines used in the development of web applications and websites.
3. Be able to construct a fully functional, personal software development environment using a suite of commonly available, state-of-the-art tools including a code editor/debugger and version control system.
4.Be able to show the proper application of these development tools including—but not necessarily limited to—the following technologies: HTML5, CSS3, ECMA2016+ JavaScript, Node.js, npm, Express.js, Vue.js, and MongoDB.
5. Be able to develop basic HTML/CSS/JavaScript-based front-end user interface (UI) designs and website Information architecture—including a simple Single-Page Application (SPA) component with client-side routing—which adheres to good usability principles with nice "look-and-feel" characteristics and user accessibility kept in mind.
6. Be able to design and code back-end server-side application components using Node.js and Express.js as a processing platform to service browser-based application requirements. Server-side expertise will include how to persist application data on the server using MongoDB.
7. Be able to enumerate various security issues associated with web applications and employ mechanisms to protect against them.
8. Be able to deploy a web application to an online web hosting service such as Heroku

Course Requirements & Assessment:

[1] Visit MIT-xPro [https://executive-ed.xpro.mit.edu/professional-certificate-coding] or UC Berkeley's Coding Boot Camp [https://bootcamp.berkeley.edu/coding] for relevant examples of such intensive course offerings, along with their schedules and demands on student time.

Assignments

Assignments fall into two categories:

1. **Regular activities (Shorter Tasks):** These are typically assignments that might require a few hours to complete and are submitted throughout the semester via Canvas. For example: showing that local development and GitHub sharing environment have successfully been set up by creating a simple web page and uploading it into GitHub, or proof of completion of a tutorial on some topic by demonstrating some running code. **Most of these activities are completed during class time. Therefore, it is crucial for you to come prepared to work during class and maintain regular attendance.**

2. **Project activities:** In addition to the shorter-term tasks listed above, there will be a few (exact # yet to be determined) longers and/or more complex small projects spaced over the length of the term which integrate the techniques and technologies that the students have been acquiring over time. These project activities will be announced during the class with due dates posted in advance to allow sufficient time for their completion.

Quizzes &Examinations

As mentioned previously, students will be asked to complete a regular series of formative assessment quizzes that must be completed during class session. There are also two formal exams: a Midterm around Session #7 and a longer Final Exam during UNH exam week. All these assessments will cover material specifically discussed in class and contained in the assigned readings, videos, assigned tasks, and online tutorials. The exact mechanism for taking these quizzes and exams will be announced as the course proceeds.

Online exams and quizzes within this course will require online proctoring. Therefore, students will be required to have a webcam (USB or internal) with a microphone when taking an exam or quiz. Setup information will be provided prior to taking the proctored exam. For additional information about online proctoring, you can visit the online proctoring student FAQ.

Individual Participation

While not an official component of the final grade, **personal participation is highly encouraged** in the sense that students are expected to ask relevant questions when something is not clear to them or needs correction, and to volunteer ideas and suggestions when requested. Active participation is an excellent way for each student to communicate what they do—and perhaps more importantly, what they do not— understand to the teacher more quickly. In this way, the teacher can gauge each student's ongoing progress better and intervene that much sooner when needed to help straighten things out.

Grading:

Grades earned are based on your performance on assignments, quizzes, exams and the final exam.

Exams	30%
Quizzes	20%
Shorter Tasks	15%
Project Tasks	30%
Attendance	5%
Total**	**100%**

*Yes, you can earn some extra credit by doing tasks which go beyond what is normally expected in the course. Any such tasks must be strictly agreed to by the teacher though and there is no guarantee that simply attempting extra credit work will earn points. **Note:** There is no penalty for **not** doing extra work.

***You cannot be curved into an A or A+, only students who score in the A+ range without any curve receive this grade for extraordinary performance.**

*** You must complete all the assignments exceptionally to receive an A or A+.**

**Final Grades are assigned with the following scale:
Choose the scale applicable for your course.

Typical Undergraduate Scale

93 to 100	A
90 to Less than 93	A-
87 to Less than 90	B+
83 to Less than 87	B
80 to Less than 83	B-
77 to Less than 80	C+
73 to Less than 77	C
70 to Less than 73	C-
67 to Less than 70	D+
63 to Less than 67	D
60 to Less than 63	D-

Typical Graduate Scale

93 to 100	A
90 to Less than 93	A-
87 to Less than 90	B+

83 to Less than 87	B
80 to Less than 83	B-
77 to Less than 80	C+
73 to Less than 77	C
70 to Less than 73	C-
Less than 70	F

The calculation of final grades is determined by the faculty member. The calculated grade in the total column in Canvas may or may not be reflective of your final grade.

Supporting Links:
Undergraduate Grading System
Graduate Grading System

Expectations:

You are a participant in the educational process and will be expected to share in the responsibility for making the class successful. The following expectations are emphasized:

- **Be hardworking:** Students are expected to spend at least two hours on academic studies outside of class sessions for each hour of in-class time. For this 3-credit course that means **nine (9) hours per week of effort outside of class sessions is a minimum requirement to do well.**

- **Be professional & considerate**: We will start class on time and end at the official ending time. Please do not arrive late, leave and return repeatedly, or leave early from sessions without the teacher's permission. When interacting with the teacher and fellow students remember to treat them as you would want to be treated.

- **Be reachable**: Everyone is expected to check both their UNH e-mail and Canvas every day for class updates. This will be the only e-mail address used for class purposes. Canvas will be used to both post and accept submitted assignments unless otherwise stated. If something has been sent to you or posted on Canvas, do not plead ignorance that you didn't see it. As the judge says, *"Ignorance of the law is no excuse!"*

- **Be responsible**: Complete all assignments on time and allow for the possibility of technology availability problems; no late assignments will be accepted without a good reason. If you will miss class because of a University-approved absence, turn in your assignment early unless instructed otherwise. No make-up exams will be given except in truly extraordinary situations.

- **Be flexible**: Please be understanding that some mid-course corrections will eventually be required in course content, the timing of lessons, assignment deliverables, and so on. This is a normal part of teaching such a technical course. You are asked to please work along with the teacher (and the TA) to minimize any issues that may arise. Like the teacher will be as flexible with you as possible.

Academic Honesty:

Your individual assignments are to be done exclusively by you and reflect your own hard work—not other people's work you might discover on the Internet or elsewhere. With that in mind you may reasonably discuss high-level concepts and approaches to designs and coding with other students to complete an assignment or use the Internet as a resource for answering specific questions. However, each submitted assignment must ultimately be the sole work of the student submitting the assignment. **Any unapproved collusion of work between students will result in all colluding students receiving a grade of zero (0) for the assignment.** It is totally irrelevant which student copied and which student 'assisted'. To avoid accidental participation in someone else's offense, do not give or loan your work to another student at any time for any reason. Do not leave copies of your files in public places and ensure that any version control repositories or hosting sites you employ are kept private. In the "real-world" plagiarism in any form is subject to personal shaming, formal reprimands, or even instant dismissal from a job or litigation. **If there is evidence of plagiarism, you will receive a grade of zero (0) for that assignment.**

Likewise, when taking exams, you may rely ONLY on the materials permitted by the teacher for that exam. Any student caught cheating on an exam by using external assistance (other people, papers, books, or online sources) will receive a grade of zero (0) for that exam. Mobile phones and other non-approved devices must be turned off or made inaccessible during the exam. Again, plagiarism of any flavor is taken very seriously in this class and will be dealt with.

If serious violations of academic honesty do occur in the class, the student will be formally reported in writing to the department Chairperson and the Dean of Students. For more details about the Academic Integrity Policy at UNH, the policy can be found online at www.newhaven.edu/studenthandbook .

Inclement Weather Statement

If the classes are canceled due to inclement weather, then the classes will be online which could be either synchronous or asynchronous. I will be posting the course modality on the announcement for that particular day.

Missed Work Statement

If you must miss a quiz, an exam, or a scheduled assignment, please inform the teacher in advance by e-mail with a well-reasoned explanation as to why you must be excused. Any work so excused must be made up *as soon as possible* thereafter with a new due date agreed to by the teacher. Respect the due dates listed for the individual quizzes and assignments posted in Canvas. In lieu of a compelling reason and approval by the teacher, **every day past the posted due date for an assignment or quiz completion means a deduction of 20% of its total potential grade**. **Assignments submitted three (3) days or more past the due date without the teacher's explicit agreement will result in a grade of zero (0).**

Attendance Policy Statement : Students are expected to attend regularly and promptly all their classes. Attendance will be taken near the beginning of each class. If you must miss an entire class, please notify the teacher with a good reason via the Canvas Inbox prior to that class session. If you have more than two (2) unexcused absences or consistently do not attend our sessions from the beginning to the end of the class without an acceptable reason, you will be reported to the department and may be subject to failing the course.

Students absent from any class meeting are responsible for making up missed assignments and examinations at the discretion of the instructor. If an instructor is more than 15 minutes late for a class meeting, without providing notification to the students, the students may leave without penalty

Breaks will be scheduled during class time appropriately.

TCoE Academic Lab reservation form
As a TCoE student, you have access to reserve academic lab spaces for academic purposes where you need access to specific equipment. Example approved uses might include time for a team meeting to finish a team project or a study-session with a TA. For more information or to submit your reservation, please visit: https://forms.office.com/r/EUeJT36ZFr

Course Outline/Schedule:
https://www.newhaven.edu/academics/calendar/

1.	Week 1	Syllabus discussion and Introduction to Web-App Development
2.	Week 2	Introduction to Web Development, Overview of Full-Stack Developer's Roadmap
3.	Week 3	Introduction to HTML & CSS
4.	Week 4	[Frontend] Web development using HTML & CSS3
5.	Week 5	Introduction to JavaScript
6.	Week 6	Advanced JavaScript concepts and DOM manipulations
7.	Week 7	Introduction to JSON and APIs
8.	Week 8	[Front-end] Introduction to Vue
9.	Week 9	[Front-end] Web-application (SPA) development using Vue
10.	Week 10	[Back-end] Introduction to Node.js + npm packages

11. Week 11 [Back-end] Session and cookie handling; basic security, user authentication & authorization approaches

12. Week 12 [Back-end] Developing web-apps using Express.js, “middleware”, page templates, designing a CRUD API

13. Week 13 Introduction to MongoDB for server-side storage, adding schemas using Mongoose

14. Week 14 “Pulling it all together” : Dissecting Full-stack MEVN-based apps

*Note: Course topics and their timings are subject to modification during the semester as circumstances change.

Academic Calendar: https://www.newhaven.edu/academics/calendar/

Important Dates:

- Term Start: Tuesday, January 16
- Classes Begin: Tuesday, January 16
- Open Drop/Add Deadline Refund Policy: Tuesday, January 23
- P/F Grade Election Deadline : Tuesday, January 23
- Midterms: After Javascript Session (TBD)
- Midterm Grades Due : Tuesday, March 5
- Spring Break (No Classes): Saturday, March 9 — Sunday, March 17
- Course Withdrawal Deadline Refund Policy: Friday, March 22
- Reading Day (No Classes): Tuesday, April 30
- Final Exams: TBD (Wednesday, May 1 - Tuesday, May 7)

Note: Please check the calendar for the updated dates.

Diversity Statement

The University of New Haven embraces diversity and recognizes our responsibility to foster a diverse, inclusive, and welcoming environment in which all members of the Charger community of all backgrounds and identities can learn, work, and live together. We benefit from the academic, social, and cultural developments that arise from a diverse campus that is committed to equity, inclusion, belonging, and accountability.

We have a responsibility as a community and as individuals to address and remove barriers, achieve success, and sustain a culture of inclusivity, empathy, kindness, and compassion. We encourage, welcome, and embrace participation in ongoing dialogue, engagement, and education to critically examine and thoughtfully respond to the changing realities of our community. Diversity, equity, inclusion, acceptance, and belonging enrich the Charger community and are instrumental to institutional success and fulfillment of the University mission.

Reporting Bias Incidents
At the University of New Haven, there is an expectation that all community members are committed to creating and supporting a climate which promotes civility, mutual respect, and open-mindedness. There also exists an understanding that with the freedom of expression comes the responsibility to support community members' right to live and work in an environment free from harassment and fear. It is expected that all members of the University community will engage in anti-bias behavior and refrain from actions that intimidate, humiliate, or demean persons or groups or that undermine their security or self-esteem.

If you have an immediate safety concern for yourself or others, and/or believe someone poses an immediate threat to themselves or others, please contact University Police at 203-932-7070 or call 911. Community members can report bias-motivated incidents by completing the form at **www.newhaven.edu/biasreporting**. Community members are encouraged to complete this form if they are the target of bias or harassing behaviors, witness such behaviors, or gain knowledge of these behaviors occurring within the University community. All matters concerning bias and harassment will be handled by the Dean of Students Office and Human Resources Office.

University-wide Academic Policies
A continually-updated list of University-wide academic policies and descriptions of key university student resources, can be found on Canvas. You can access them by simply clicking on the (?) help button.

The University-wide academic policies include (but are not limited to) the University's attendance policy, procedures for both adding / dropping a course and course withdrawals, an explanation for the sorts of circumstances where incomplete (INC) grades could be considered by the faculty, and the academic integrity policy (among others).

The list of key university student resources to enable learning include (but are not limited to) the University's Center for Student Success, Writing Center, Center for Learning Resources, and the Accessibility Resource Center.

University of New Haven

Please include these services as part of your syllabus if you decide. They are also available in the link previously mentioned that links to the Academic Policies.

UNIVERSITY STUDENT SUPPORT SERVICES

The University recognizes that students can often use some help outside of class and offers academic assistance through several offices.

Accessibility Resources Center

The University of New Haven seeks to maintain a supportive academic environment for all students inclusive of those with disabilities including chronic health-related conditions and military service-connected disorders. If you feel that you may need reasonable accommodations to enable your full participation in this course, please provide me with your Verification of Reasonable Accommodations letter through AIM found in MyCharger or contact the Accessibility Resources Center to begin the process to ensure that accommodations can be made available to you. Reasonable accommodations are not required to be provided retroactively and may not be made without written verification from the Accessibility Resources Center. The Accessibility Resources Center is located in Sheffield Hall on the ground floor in the rear of the building, and can be reached by email at ARC@newhaven.edu or by phone at (203) 932-7332.

Center for Learning Resources (CLR)

The Center for Learning Resources (CLR), located in the Peterson Library, provides academic content support to the students of the University of New Haven using metacognitive strategies that help students become aware of and learn to apply optimal learning processes in the pursuit of creating independent learners. CLR tutors focus sessions on discussions of concepts and processes and typically use external examples to help students grasp and apply the material. We offer both in-person and online tutoring. To make an appointment, call us at 203-932-7215, write to us at clr@newhaven.edu, or download the Navigate app.

Center for Student Success (CSS)

The Center for Student Success can help you refine your study skills and develop new academic strategies. CSS staff assists with enhancing your time management and organizational skills. They provide understanding of your GPA, degree audit, and transcripts, and can answer general questions about academic policies. They also can connect you to campus resources and assist you with resolving issues as they arise. During registration periods, CSS advisors work in conjunction your faculty advisor to provide assistance with the advising and registration process. Finally, at various points throughout the semester, CSS works to provide students with progress reports from their instructors. Students can make an appointment to see a CSS staff member through Navigate; the Center for Student Success can be reached via email at css@newhaven.edu.

Counseling & Psychological Services (CAPS)

CAPS mission is to support the mental health care of students at the Univeristy. Our services are included in tuition, confidential, and include individual and group therapy, support groups, consultations, and 24/7 crisis support. We are available in person at Charger Plaza and remotely, and are in the office M-F, 8:30-4:30. Please call us to schedule an appointment or with any questions at 203-932-7333; you can also

schedule online. If you experience a mental health crisis after hours, you can call our main number for support.

Myatt Center

The Myatt Center for Diversity and Inclusion is committed to creating a multicultural environment through intentional education, campus community engagement, and valuing the unique identities of each member of the Charger Community. Our commitment to diversity is driven by the core values of connection, belonging, inclusivity, equity, acceptance, and accountability. The Myatt Center's focus is to create a respectful and inclusive environment based our awareness and ability to engage with others who are different on many levels including ethnicity, race, sexual orientation, gender, military, religious belief, and life experiences. Please contact the Myatt Center at cdi@newhaven.edu for any and all questions related to our programs and resources.

Marvin K. Peterson Library

The Library provides access to online databases, e-books, e-journals, electronic U.S. Government Documents, print books, educational games, and audiovisual materials. A search can be conducted through many of these resources at once by using the search box "Quicksearch."

The Library provides three floors with individual quiet study space, collaborative group study space, study rooms with technology, whiteboards, Dell desktops, iMacs, scanners, and printers. The entire library is a wireless zone.

Librarians assist in locating relevant sources of information for research papers, thesis, honors thesis, and other projects. Librarians answer general reference questions and help with effectively evaluating sources of information. Help is available through a Chat Service, with in-person or online research consultations, and by E-Mail. Complete the Research Consultation Form to arrange a time convenient for you. Appointments can also be made by using the Navigate app.

LibGuides are created to assist students with research. They contain an overview of resources available through the library, as well as tutorials, subject guides, and course specific guides.

University Writing Center

The mission of the Writing Center is to provide high-quality tutoring to undergraduate and graduate students as they write for a wide range of purposes and audiences. Tutors are undergraduate and graduate students who are majoring in a variety of fields across the University. We are here to work with you at any stage in the writing process; bring in your assignment, your ideas, and any writing you've done so far. You can make an appointment in Navigate or visit us in person in the lower level of the library. We offer appointments in person and via Zoom.

Military & Veteran Services

The Military & Veteran Affairs team is here to answer any questions Student Veterans (both current and prospective), active duty/reserve/national guard members, and military family members have regarding transitioning to higher education, VA educational benefits, formal advising, or to listen to issues pertaining to class. The University of New Haven's Military & Veterans Affairs team consists of full-time staff, part time student employees, and VA Work Study students whose aim is to assist and support the student veteran population both on and off campus. These individuals have a dedication to the development, success, and well-being of the student veteran population on campus which includes veterans, active-duty military, service members in the reserves or national guard, and dependents using a veterans GI Bill. The office advises, guides, and supports this student population and is available to assist at a moment's notice to address the needs and concerns of this population.