Year,Semester,Course Number,Course Title,Credits
Freshman,Fall,,,,
,,,,,CSCI-120,Exploring CS,2
,,,,,Non-Technical Elective,3
,,,,,Science Lec A,4
,,,,,Science Lab A,0
,,,,,ENGW-102,English I,3
,,,,,CSCI-100,Intro to CS,3
,,,,,,
,,,,,Total Credits:,15

Freshman,Spring,,,,
,,,,,CSCI-135,Computer Science I,4
,,,,,CSCI-211,UNIX Lab,1
,,,,,MATH-156,Calculus I,4
,,,,,ENGW,English II,3
,,,,,SLMC 101,Principles of Speech,3
,,,,,Science Course lecture and lab,,
,,,,,Total Credits:,15

Sophomore,Fall,,,,
,,,,,CSCI-136,Computer Science II,3
,,,,,CSCI-354,Computer Science III,3
,,,,,MATH-157,Calculus II,4
,,,,,Science Lec B (1),4
,,,,,Science Lab B (1),0
,,,,,,
,,,,,Total Credits:,14

Sophomore,Spring,,,,
,,,,,CSCI-201,Computer Organization I,3
,,,,,CSCI-375,Software Engineering,3
,,,,,CSCI-202,Computer Organization II,3
,,,,,MATH-181,Discrete Structures,3
,,,,,Science Lec B (2),4
,,,,,Science Lab B (2),0
,,,,,Technical Electives (CRS#, TITLE),,
,,,,,,
,,,,,Total Credits:,16

Junior,Fall,,,,
,,,,,CSCI-341,Theory of Computation,3
,,,,,CSCI-350,Structure of Prog Languages,3
,,,,,Technical Elective,3

,,,,,CSCI-432,Database Systems,3
,,,,,Additional Courses (CRS#, TITLE),,
,,,,,ENGL-009,Technical Writing,3
,,,,,MATH-180,Intro to Linear Algebra,3
,,,,,,
,,,,,Total Credits:,15

Junior,Spring,,,,
,,,,,CSCI-401,Operating Systems,3
,,,,,Technical Elective,3
,,,,,CSCI-470,Fundamentals of Alg.,3
,,,,,CSCI-449,Intro to Computer Networks,3
,,,,,CSCI-453,Intro to Cybersecurity 1,3
,,,,,,
,,,,,Total Credits:,15

Senior,Fall,,,,
,,,,,CSCI-491,Senior Project I,3
,,,,,CSCI-363,Large Scale Programming,3
,,,,,CSCI-473,Applied Data Science,3
,,,,,Technical Elective,3
,,,,,Technical Elective,3
,,,,,Total Credits:,15

Senior,Spring,,,,
,,,,,CSCI-363,Large Scale Prog.,3
,,,,,CSCI-492,Senior Project II,3
,,,,,Technical Elective,3
,,,,,Non-Technical Elective,3
,,,,,Non-Technical Elective,3
,,,,,,
,,,,,Total Credits:,15

Embarking on the journey of academic pursuits is a transformative experience filled with challenges and opportunities for growth. This comprehensive guide aims to equip students with the tools and strategies needed to excel in their studies, fostering a holistic approach to success in school and beyond.

The key to academic excellence begins with setting clear goals and finding intrinsic motivation. By establishing a vision for the future and managing time effectively, students lay the groundwork for a successful academic journey. Creating a productive study environment further enhances focus and learning outcomes.

The art of effective study is a crucial skill for every student. This section delves into active reading strategies, note-taking methods, and the power of mind mapping to promote conceptual understanding. These techniques empower students to engage with course materials actively and develop a deep grasp of the subject matter.

Organizational skills are the linchpin of academic success. This guide explores the effective use of planners, calendars, and study schedules to help students manage their time efficiently. Prioritizing tasks and maintaining a well-organized study routine contribute to sustained progress.

Utilizing learning resources to their full potential is essential for academic growth. From traditional libraries to online educational platforms and collaborative study groups, this section explores how students can leverage these resources to enhance their understanding and broaden their perspectives.

Maintaining a healthy balance between academic commitments and personal life is crucial. Stress management strategies and the incorporation of healthy lifestyle habits contribute to the overall well-being of students, ensuring they have the energy and resilience needed to navigate the challenges of academic life.

Critical thinking is a cornerstone of academic excellence. This section provides insights into problem-solving approaches, analytical reasoning exercises, and creative thinking techniques. By honing these skills, students not only succeed academically but also prepare for the complexities of the real world.

Building positive relationships with teachers and peers is a key aspect of the student journey. Actively participating in class discussions, asking questions, and seeking clarification contribute to a vibrant learning environment, fostering a sense of community within the academic setting.

Preparing for exams is an integral part of student life. This section offers guidance on both long-term and short-term preparation, along with practical test-taking tips. Strategies for managing exam anxiety ensure that students can approach assessments with confidence.

In the digital age, technology plays a significant role in education. This guide explores the wise utilization of educational apps, online research skills, and digital note-taking platforms, empowering students to harness the benefits of technology for academic success.

A growth mindset is the catalyst for continuous improvement. Embracing challenges, learning from setbacks, and fostering a positive attitude are explored in this section, encouraging students to view obstacles as opportunities for personal and academic development.

As students progress through their academic journey, transitions become inevitable. Whether graduating to higher levels of education, exploring career paths, or navigating life after school, this guide offers insights and strategies to prepare students for these transitions.In conclusion, the student journey is a dynamic process that requires dedication, resilience, and a multifaceted

approach to success. By implementing the strategies outlined in this guide, students can navigate the complexities of academic life, fostering a mindset of continuous growth and achieving excellence not only in their studies but also in their personal and professional lives.