

1 User Manual

Digital Atkinson

Academic Questionnaire

If you wish to maximize/minimize a section simply click on the plus/minus icon.

- + Major Selection
- + Engineering I
- + Student Designation
- + Computing Competency
- + Calculus Readiness Exam
- + AP Test Scores
- Additional Academic Credit

If you have taken dual credit classes through another university or have completed certain courses at local community colleges you may have credit for corresponding Santa Clara University courses. Please click [here](#) to look at Santa Clara's current transfer guidelines. If you determine that you have credit for any of the classes below please mark them with a check:

Mathematics

- ☒ MATH 11 (Score of 4 or higher on Calculus AB exam; score of 3 or higher on Calculus BC exam gives credit)
- ☐ MATH 12 (Pre-requisite is MATH 11) (Score of 4 or higher on Calculus BC exam gives credit)
- ☐ MATH 13 (Pre-requisite is MATH 12)
- ☐ MATH 14 (Pre-requisite is MATH 13)
- ☐ MATH 22 (Pre-requisite is MATH 14) (MATH 22 is equivalent to AMTH 106)
- ☐ MATH 53 (Pre-requisite is MATH 13)

Engineering

- ☒ COEN 10 (Score of 3 or higher on Computer Science A exam gives credit)
- ☒ COEN 11 (Pre-requisite is COEN 10) (Score of 4 or higher on Computer Science A exam gives credit)
- ☒ COEN 12 (Pre-requisite is COEN 11)
- ☐ COEN 19
- ☒ COEN 20 (Pre-requisite is COEN 12)
- ☐ ELEN 50 (Must have completed PHYS 33 to get credit)

Schedule

Fall Quarter	Winter Quarter	Spring Quarter
MATH 12-Calculus II	MATH 13(H)-Calculus III Honors	MATH 14-Calculus IV
Core Class	C&I 1-Cultures & Ideas 1	C&I 2-Cultures & Ideas 2
CTW 1-Critical Thinking & Writing 1	CTW 2-Critical Thinking & Writing 2	RTC 1-Religion, Theology & Culture
Core Class	Core Class	Core Class
ENGR 1-Introduction to Engineering (with Lab)		

Classes for which you have credit:

MATH 11-Calculus I

COEN 10-Introduction to Programming

COEN 11-Advanced Programming

COEN 12-Data Structures

COEN 20-Embedded Systems

CHEM 11-Chemistry I

Print

Figure 1: Digital Atkinson Layout

The Digital Atkinson enables the user to generate a suggested schedule for incoming freshman entering Santa Clara University. The suggested schedule outlines what courses would be best for the student to take each quarter of their freshman year. The Digital Atkinson works for students who plan to be either a Computer Science & Engineering major, or a Web Design & Engineering major in the School of Engineering at Santa Clara University.

While the site is designed to explain things thoroughly enough that a manual should be superfluous, this document provides an even more thorough explanation of the site.

1.1 Form Sections Explained

1.1.1 Major Selection

This section must be completed to view the schedule, although it is not necessary to be completed first. Selecting an option in this section determines what major the user's schedule

is being customized for.

1.1.2 Engineering 1

Engineering 1 is an introductory course that will help students determine if engineering as a field of study is a good fit. Because this course can be so enlightening, it is recommended that students who are unsure about their choice of major take the course sooner rather than later. However, if the user does not elect to lock Engineering 1 into their fall quarter, the course will be placed in the quarter that has the fewest number of lab sections, and therefore the lightest workload.

1.1.3 Student Designation

Honors students will be placed into certain courses that are the honors versions of courses they would take otherwise. LEAD students take two seminars their first two quarters. The user should select the option(s) if he or she is a part of the program that the option refers to.

1.1.4 Computing Competency

The user should check this option if he or she feels comfortable with the concepts described. This will allow him or her to skip the introductory computer engineering course and move on to a more advanced course.

1.1.5 Calculus Readiness Exam

This will override any other math related selections and place the user in Math 9 as their first math class and will suggest that all of the rest of the math sequence be taken.

1.1.6 AP Test Scores

In this section, the user should enter the scores that they have received on any of the listed AP tests. The user also may try out scores that they think they may receive on AP tests that they plan to take before beginning at Santa Clara University to see how it might affect their freshman schedule.

1.1.7 Additional Academic Credit

Here, the user can see the classes that their above selections have given them credit for. If a class has been fulfilled by a selection in an above section, the checkbox next to that course in this section will be unable to be toggled.

This section can also be used for the user to give himself or herself credit for other courses the user believes he or she has fulfilled with credit obtained from college courses taken before entering Santa Clara University. The hyperlink takes the user to the Santa Clara University transfer guides to help the user determine what he or she has credit for.

1.2 Usage

The user should use the plus and minus signs next to the section titles to expand and minimize the sections, respectively. Although there is no need to complete the sections in any particular order, the schedule will not be visible until a major has been selected. All other sections are optional, and as the user fills out the form, the schedule will be updated. Classes for which the user has been given credit will be listed below the schedule.

At any point while the schedule is being displayed, the user may select the print button to initiate the browser's print dialog. The user may then print the schedule.

Note: The color-coding of the schedule will only print if the browser's print settings are set to print background colors and images.