

# A.P.O.S

*Automatic Plan of Study*

## USER'S MANUAL

VERSION 1.0

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Presented by:  
DreamTeamCoding

# OVERVIEW

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Dream Team coding has created something that will change college pre-registration forever. One of the most wide spread reason for college students not graduating on time is because they did not sign up for the correct classes. We at Dream Team Coding have created a web application called "A.P.O.S.", otherwise known as Automated Plan of Study. Using A.P.O.S will allow students to easily find their major and concentration. The student then chooses courses that they have already taken, or are currently taking (best to have the corresponding transcript handy). Once the all courses are chosen our software reads our data and compares it to our database of class and generates a list of classes you should take in the upcoming semester. The web application also features a save state, which allocates a passphrase for the user to save their progress and courses taken.

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# FEATURES

- ☒ Multiple Concentrations
- ☒ Minimalistic Interface
- ☒ Passphrase to save progress

# ADVANTAGES

- ☒ Ease of Access
- ☒ Simplicity
- ☒ Minimizes time with professors

# TRAINING

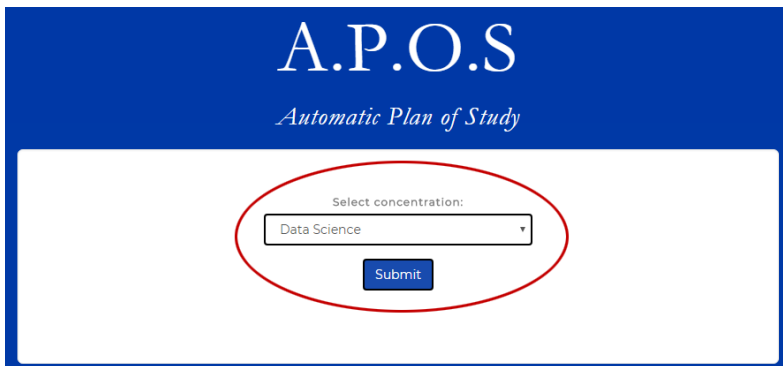
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Utilizing A.P.O.S.'s fast and user friendly application is as simple as tying your shoe. It takes less than 5 minutes to complete the process and have a full list of all the courses remaining in a user-friendly interface.

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## Step-By-Step

1. To begin, select from the dropdown menu and select your given concentration.



2. Once the concentration has been selected, press Submit.
3. Upon arriving at the courses page, select all of the courses that you have taken or are currently taking.
  - a. The courses are separated by Major Requirements, Related Area Requirements, and Concentration Requirements.
4. Click Submit.
5. Await your results!

#### Core Courses:

- ☒ Introduction to Computer Science
- ☒ Programming I
- ☒ Computer Science Major Orientation Seminar
- ☐ Data Structures
- ☒ Programming II
- ☒ Object-Oriented Programming
- ☒ Sophomore Seminar in Computer Science
- ☐ Computer Architecture
- ☐ Database and Intelligent Systems
- ☐ Introduction to Web Design
- ☐ Data Mining & Machine Learning
- ☐ Net-Centric Computing
- ☐ Senior Seminar in Computer Science

# RESULTS

The ending results should look something like this:

- Each individual section represents the area of your major concentration along with the courses remaining in that area.
- The sections marked with a red asterisk \* indicate that *all* of the courses in that section must be taken.
- The sections that are not marked with a red asterisk are not required, and the user must only take courses totaling up to the total credit hours remaining in the corresponding section.

The screenshot shows the A.P.O.S. (Automatic Plan of Study) results page. The header is blue with the text 'A.P.O.S. Automatic Plan of Study'. The main content area is white and contains several sections: 'Courses Required For Graduation:' with a note '\* - All courses in this area are required.'; 'Core Courses:\*' listing seven courses with their credit hours (CSC218 Data Structures - 3h, CSC314 Computer Architecture - 3h, CSC325 Database and Intelligent Systems - 3h, CSC335 Introduction to Web Design - 3h, CSC401 Data Mining & Machine Learning - 3h, CSC410 Net-Centric Computing - 3h, CSC460 Senior Seminar in Computer Science - 2h) and a 'Total Credit Hours Remaining - 20'; 'Core Electives:' with 'Total Credit Hours Remaining - 0'; 'Related Area:\*' with 'Total Credit Hours Remaining - 0'; 'Concentration Core:\*' with 'Total Credit Hours Remaining - 0'; and 'Concentration Electives:' with 'Total Credit Hours Remaining - 0'. At the bottom, there is a blue link that says 'Return to home page'.

## Returning User?

All users of A.P.O.S are given a unique **case-sensitive** passphrase which saves the users progress. Upon entering this passphrase on the homepage, the user will be redirected to the results page that they previously filled out.

### Returning Users:

If you plan on returning, and would like to save your progress, please use the following passphrase to return to this page.

Passphrase: zpVwmTiH

\*Note: This passphrase is case-sensitive!