Major Selection

Spring 2011

The Timeline

3/9 - 3/10	Major Showcase
3/9 – 3/16	Online Process
3/17 – 3/25	Major Processing
3/30	Results Distributed

Strategic Planning

- **Think about areas of strength and course sequences you would enjoy.**
- **Do NOT select a major based on who you think might be teaching the courses – things change frequently including teacher programs.**
- **Discuss options with your parents/guardians, teachers, and older students.**
- **Submit by the deadlines indicated.**
- **List the majors in preference order.**

The Selection Process

- **Students rank the majors in preference order on Daedalus.**
- **Daedalus will sort the students by preference, placing the students with the highest PI into each major in an iterative process.**
- **Students will receive notification of major placement.**

Daedalus


BROOKLYN
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FACULTY DIRECTORY
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GENERAL INFORMATION
ACADEMICS
GUIDANCE
COLLEGE OFFICE
ATHLETICS
FOR STUDENTS
FOR PARENTS
FOR STAFF
MEDIA

The Selection Process

- **All students will be initially considered for their first choice major.**
- **The list is sorted by “Power Index” for each major.**
- **A specific number of seats is determined for each major and those who do not make the cut are placed into group X.**

The Selection Process

- **Group X is sorted by second choice and students are considered for their second choice by "Power Index"**

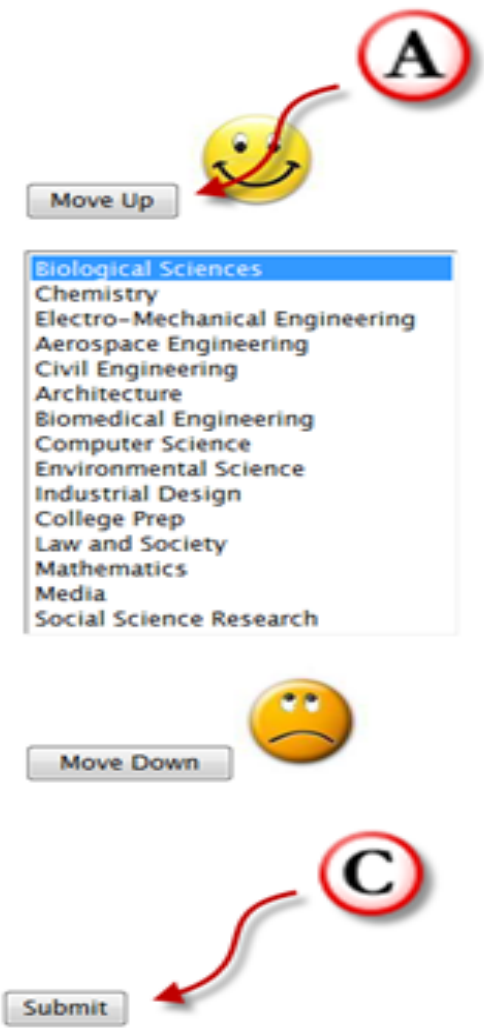
- **A student having a higher PI for a second choice major will bump the lowest ranking student from their first choice and the bumped student becomes part of group X_2.**

The Selection Process

- **The process repeats until all students are placed.**

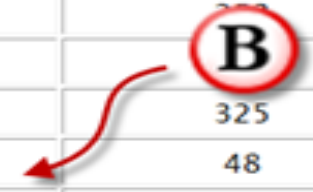
- **The bumping process guarantees that all students receive their highest ranking preferences based on merit.**

The Selection Process



In order to help you evaluate your chances of getting your choices, here is some relevant information (PI = Power Index):

Major	Your PI	Last Year's Cut Off PI	Your PI Rank Among This Year's 1394 Students
Aerospace Engineering	378	331	199
Architecture	390	338	104
Biological Sciences	276	261	325
Biomedical Engineering	276	245	325
Chemistry	365	312	362
Civil Engineering	378	238	199
College Prep	279	N/A	263
Computer Science	375	293	
Electro-Mechanical Engineering	378	297	
Environmental Science	276	193	325
Industrial Design	301	217	48
Law and Society	359	323	488
Mathematics	270	227	397
Media	301	217	48
Social Science Research	359	342	488



College Prep Admissions

- **No seat cap – open enrollment**
- **Student who list CP as a first choice will automatically get in.**
- **If you do not place into a higher preference major, when your preference reaches CP, you will be accepted.**

College Prep Admissions

Sample Student Preference List

Aerospace	Not Accepted
Law & Society	Not Accepted
College Prep	**Accepted**
Chemistry	Not Even Considered

Majors With Changes

College Prep

Electrical Engineering

Law & Society

Mechanical Engineering

Software Engineering

College Prep

- **PLTW Principles of Engineering (Jr Yr)**
- **PLTW Elective of Choice (Sr Yr)**
- **Choose 2 of the following:**
  - **AP Computer Science**
  - **AP Biology, Chemistry, or Physics**
  - **AP Calculus or Multivariable Calculus**
  - **AP Language Other Than English**

Electrical Engineering

- **AP Physics B (Jr Yr)**
- **Advanced Electrical Circuits I & II (Jr Yr)**

- **PLTW Computer Integrated Manufacturing**
- **Robotics & Automation**
- **Android Application Design & Development**

Law & Society

- **AP American History**
- **Western Political Thought**
- **AP US Government / Constitutional Law**

- **Criminal Law / Criminal Justice**
- **Forensic Criminology**
- **Business & Civil Law / Ethics**
- **AP Comparative Government / Economics**

Mechanical Engineering

- **AP Physics B**
- **PLTW Principles of Engineering**

- **Advanced Electrical Circuits I & II**
- **PLTW Computer Integrated Manufacturing**
- **PLTW Engineering Design & Development**

Software Engineering

- **Database Design with Oracle Level I**
- **Intro to Programming & Web Development**

- **Database Design with Oracle Level II**
- **AP Computer Science (JAVA)**
- **Android Application Design & Development**

Major Presentations

Major	Room	Major	Room
Aerospace Engineering	1N3	Environmental Engineering	3E12
Architectural Engineering	5N3	Industrial Design	6N4
Biological Sciences	3N1	Law & Society	Library
Bio-Medical Engineering	6N2	Mathematics	1N6
Chemical Engineering	3E10	Mechanical Engineering	1S12
Civil Engineering	4N6	Media	1N4
College Prep	4N4	Social Science Research	6N7
Electrical Engineering	3N8	Software Engineering	4N2