

Conroe Independent School District

Academy for Science and Health Professions



Student Handbook/Course Description Guide

(revised 9/2021)

ASHP is a member of The National Consortium of Secondary STEM Schools (NCSSS).



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General Information

This Course Description Booklet is designed to assist Academy students and parents in planning Academy course selections. A wide variety of Academy courses are offered. Each course is described along with its prerequisites and amount and type of credit. As an Academy student, you should use this booklet along with your CHS Course Selection Booklet to develop a four-year plan. It is **your** responsibility to be sure that your courses help you meet Conroe ISD and Academy graduation requirements.

The information in this booklet should be consulted as you select courses for next year. However, printed descriptions cannot replace the value of talking about courses and plans with teachers, counselor, and your parents. If you have questions regarding courses and the implication of selecting them, you are encouraged to consult your class counselors listed below and the Academy Headmaster. Please feel free to contact us at any time during the registration process.

The Academy for Science and Health Professions
3200 West Davis
Conroe, TX 77304

Mr. William Kelly
Headmaster
Office: 936-709-5731
FAX: 936-709-5842

Vision, Mission, and Goals

Vision:

Students of the Academy for Science and Health Professions will, in accordance with the *National Science Education Standards*, become literate, responsible citizens who make informed, socially responsible decisions and contributions that positively impact society.

Mission:

The primary mission of the ASHP is to prepare students who are interested in science, mathematics and their applications for future success. We will provide a rigorous curriculum and diverse experiences in a scientifically oriented learning community characterized by supportive faculty, engaged students and involved parents. This environment will foster commitment and creativity, responsibility and respect, pride and unity, and trust and cooperation.

Goals:

1. To provide students specialized courses in mathematics, science, allied health science, engineering and technology.
2. To transmit to students an understanding of the nature of science and the scientific enterprise and to serve as a portal of entry to advanced science study.
3. To maximize student achievement by providing a stimulating learning environment characterized by application, career exploration, academic rigor, support, and varied learning and assessment opportunities.
4. To support students through internships, competitive group and individual design and research efforts, and student-driven demonstrations and outreach initiatives.
5. To help students explore a wide range of opportunities available in STEM careers through interactions with individuals at institutions of higher learning, hospitals, businesses and industries.
6. To develop competent, confident, capable learners.
7. To develop a community of learners based on a continuous improvement model involving teachers, students, parents and community members.
8. To serve as a resource to other CISD schools, particularly CHS and CCHS.
9. To be a vital, integral, value-added component of Conroe High School.

ACADEMY GRADUATION REQUIREMENTS

Academy graduates are recognized by a plaque presented at our annual Banquet and by a medallion to be worn at graduation. In addition, an Academy Class Profile and letter describing the program are enclosed with students' transcripts sent to colleges and universities. Beginning in 2018, students have endorsements and performance acknowledgements on their transcripts.

Following are the minimum graduation requirements for the Academy. We expect that many Academy students will exceed them.

NOTE: The Academy reserves the right to modify course offerings and graduation requirements based on staffing, funding, enrollment, and scheduling.

(1) Completion of the **CISD 26-Credit Graduation Plan.**

(A) The **Academy Science Core: Four years of science, (one or more course per year)** taught in the Academy or otherwise pre-approved:

- Computer Science I Honors (9), Honors Biology (9)
- Honors Chemistry (10)
- AP Physics I (11);
- AP Chemistry, AP Environmental Science, AP Biology, or AP Physics C.

(B) The **Academy Mathematics Core: Four years of mathematics, (one course per year)** taught in the Academy or otherwise pre-approved.

- Honors Geometry
- Honors Algebra II
- Honors Precalculus
- AP Calculus AB, AP Calculus BC

(C) **Health Science Specialization: Principles of Health Science and Health Science Theory**

Or

(D) **Computer Science Specialization: AP Computer Science A; AP Computer Science Principles**

(E) **Specialization Requirements**

At least one additional advanced course: (chosen from AP Chemistry, AP Physics C, AP Biology, an advanced AP Computer Science, AP Environmental Science, AP Statistics, Anatomy and Physiology DC, AP Seminar and AP Research.

(2) **Explorations** (co-curricular)

Students must complete 14 exploration credits by the end of their Sophomore year.

(3) **Internship** (co-curricular)

Student is eligible after the sophomore year, but typically completed between the junior and senior year.

(4) **Research and Problems** (co-curricular)

Research and Problems I, II, and III credits are earned through independent, co-curricular projects done in grades 10, 11, and 12 as appropriate. Projects should be completed by the end of the third nine weeks each year for credit to be given. **Freshmen complete this requirement through participation in science fair.**

(5) **Community Service** (100 hours)

Academy graduates are future leaders who understand the importance of giving back to their community. By the end of the third nine weeks of their senior year, students should have completed a minimum of 100 hours of community service. Logs can be found on the Academy website and should be turned in to the Academy office.

Course Selection

Students and parents should be familiar with Academy and CISD graduation requirements and make careful plans for taking required and elective courses. The sample four-year Academy plan with seven courses per year suggests sequences for taking required courses. Courses that meet Academy graduation requirements are listed in **bold**. Academy students must be enrolled in a minimum of three (3) Academy courses each year to maintain membership in the Academy.

Co-curricular Academy requirements that are accomplished outside the school day are listed in *italics*.

We expect that Academy students do NOT take early release or late arrival, and that they take as many Academy courses as possible

Sample Academy 4-Year Plan

Sample Plan	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
Language Arts (all required)	English. I - Honors	English II - Honors	English III (AP or dual credit)	English IV (AP or dual credit)
Mathematics (all required-may be accelerated through summer school)	Geometry - Honors (Algebra II – Honors if Geometry taken in 8th grade)	Algebra II - Honors (Precalculus – Honors if Alg. II taken prior)	Precalculus - Honors (AP Calculus AB if Precal taken prior)	AP Calculus AB (AP Calculus BC if AP Calc. AB taken prior)
Science (all required; choose at least one for senior year)	Biology - Honors	Chemistry - Honors	AP Physics I	AP Biology AP Chemistry AP Physics C AP Environmental Science Anatomy and Physiology Dual Credit
Social Studies (all required)	Honors World Geography or AP Human Geography	AP World History	U.S. History (AP or Dual Credit)	AP Govt./AP Econ. (or dual Credit)
3 rd Required Academy Course	Computer Science I Honors	Principles of Health Science or AP Computer Science Principles	AP Biology AP Chemistry AP Environmental Science Anatomy and Physiology Dual Credit AP Statistics Health Science Theory AP Computer Science A	AP Biology AP Chemistry AP Physics C AP Environmental Science Anatomy and Physiology Dual Credit AP Statistics Health Science Theory AP Computer Science A
Foreign Language (2 required for graduation; some courses may be taken in summer school or Junior High)	Foreign Lang. I	Foreign Lang. II	Foreign Lang. III ¹ (not required)	

P.E./ fine arts (one year of fine arts; one year of P.E. should be taken before the senior year if possible)	P.E. /athletics/fine arts	Electives (possible: AP European History)	Electives (possible: AP Art History – meets Fine Arts requirement)	
Academy Requirements Completed outside of school day. ¹	<i>Science Fair</i>	<i>Research and Problems I</i>	<i>Research and Problems II</i>	<i>Research and Problems III</i>
	<i>7 Explorations</i>	<i>7 Explorations</i>	<i>Internship</i>	
	<i>30 Hours Community Service</i>	<i>30 Hours Community Service</i>	<i>30 Hours Community Service</i>	<i>10 Hours Community Service (Fall Semester)</i>

¹NOTE: Explorations, R&P Project and Internship are *co-curricular* - done outside of the school day.

CISD Summer School

Health, a fine arts course, and other required courses are often offered during CISD summer school. This option, together with correspondence, credit by exam, private/outside PE, and Lone Star College offerings, provide opportunities for students to maximize their Academy experience. See your counselor for more information on these options

Prerequisites

Students must take all required courses in sequence. This is especially important in mathematics courses. No student will be allowed to take a mathematics course for which he/she has not successfully completed all of the prerequisite courses.

Gifted & Talented/Honors/AP

Honors and Advanced Placement is the district's secondary sequence for gifted students. Students who meet the established criteria for admission are committed to developing an in-depth knowledge of the major discipline areas and anticipate pursuing post-secondary studies. In addition to complex and abstract bases of knowledge, students are provided opportunities to utilize the processes, methodologies, and techniques used by professionals in all Academy discipline areas as they experience greater depth, complexity and independent study.

While the Academy is **not** a gifted program, every attempt will be made to provide Academy students in the Honors and Advanced Placement program with appropriate course experiences consistent with availability within other CISD Academies.

Advanced Placement Courses and Testing

Advanced Placement (AP) Courses are among the most advanced academic courses offered by the district. This program gives students the opportunity to pursue college-level studies while still in secondary school and to receive advanced placement and/or credit upon entering college. Students should plan for homework in each class. Students are expected to take the College Board Advanced Placement Tests in May.

Students must meet AP criteria to be placed in an AP class. Academic ability, motivation, and willingness to work are considered in placing students. **Academy students planning to take more than four AP courses in a school year should consult with the Academy Headmaster and their CHS counselor.**

Dual Credit Courses

Through a direct partnership with Lone Star College, CISD students successfully completing a specified high school course will receive college credit as well as credit toward high school graduation. The student must pass the *TSI* examination, must meet TASP standards, must pay applicable fees, and must enroll in the college course prior to the beginning of the course on the college campus in order to receive college credit for the course.

Local Credit Courses – No Pass/No Play

A number of Academy required and elective courses are listed as *local credit*. Academy courses receiving local credit do not meet for state requirements for graduation. They do not count toward high school graduation, nor do they earn grade points to be calculated in a GPA.

Nevertheless, all **required** Academy local credit courses (Explorations, Internship, Research and Problems) must be completed for the student to be recognized as an Academy graduate. By district policy, Incompletes and Failures in local credit courses **do** have UIL no-pass, no-play consequences.

Course Information

Courses that begin with “H” are Academy courses.

Schedule Change Requests, Changes, and Choices

You should choose your electives carefully. Requests for changes in a schedule will be allowed in accord with **CHS deadlines**. Requests for changes after that deadlines may **not** be honored. **You** are responsible for meeting your high school *and* Academy graduation requirements.

Be sure to indicate as many second-choice courses as possible. Every reasonable attempt will be made to honor your course requests.

Academy Computer Science/Technology Application Courses

One Computer Science course is required of **all** Academy students. A second course is suggested for future technology and engineering majors.

H8601		Computer Science I Honors
	1 Credit	Grade 9
	Class Rank Category:	Honors (5)

This course is designed to provide an in-depth study of the major components of computer science. Course content will include programming methodologies, simple data structures, algorithms, and an introduction to Object Oriented Programming design and implementation. Students who successfully complete this course may enroll in AP Computer Science A.

H8581		Computer Science Principles AP
	1 Credit	Grades 10-12
	Class Rank Category:	AP (6)

This course is equivalent to a first-semester introductory college computing course. Students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends.

Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology that interests them. Students will also develop effective communication and collaboration skills through discussions and writing.

* This course is complementary to AP Computer Science A. These courses can be taken in any order or at the same time, as schedules permit.

H8631		Computer Science A AP
	1 Credit	Grades 10-12
	Prerequisite:	Computer Science I Honors
	Class Rank Category:	AP (6)

This course follows the College Board Computer Science Advanced Placement Guidelines. The course will be taught using the programming language Java. The Barron’s study guide will be used in preparation for the AP Computer Science A test. This course may be counted as a math credited on the recommended Plan ONLY.

Students are required to take the AP Computer Science exam

Required Academy Mathematics Courses

Four credit units of Academy mathematics are required to meet Academy core requirements. If Algebra I has been satisfactorily completed in Grade 8 or summer school, the student must complete Geometry - Honors (9), Algebra II – Honors (10), Pre-Calculus - Honors (11), and AP Calculus (12). If Geometry - Honors has been successfully completed in Grade 8, the student must complete Algebra II - Honors (9), Pre-Calculus - Honors (10), AP Calculus (11), and one additional Academy mathematics course (12).

Academy students follow an advanced math plan that includes AP Calculus AB.

Math Plan - Starting with Geometry

Grade 9	Grade 10	Grade 11	Grade 12
Geometry - Honors	Algebra II - Honors	Pre-Calculus - Honors	AP Calculus

Math Options - Starting with Algebra II

Grade 9	Grade 10	Grade 11	Grade 12
Algebra II - Honors	Pre-Calculus - Honors	AP Calculus AB	AP Calculus BC AP Statistics

Required Academy Science Courses

Grade 9	Grade 10	Grade 11	Grade 12
Biology - Honors	Chemistry - Honors	AP Physics 1	4 th Science selected from: AP Chemistry AP Biology AP Environmental Science Dual Credit Anatomy & Physiology I, or II

Note: Laboratory Management/Teacher Aide does NOT meet any Academy graduation requirements.

OTHER ACADEMY REQUIREMENTS

Academy students earn credit for the following courses outside the regular curriculum.

Research and Problems I, II, III

Students in 9th grade and new students are required to do an individual or group experimental research project as part of the Computer Science Honors course. These students must also enter their projects in the SCI://TECH Science Fair, and if successful, compete in the Science Engineering Fair of Houston, The Exxon-Mobil Science and Engineering Fair, and the Regeneron International Science and Engineering Fair.

Students in 10th, 11th, and 12th grades must choose from a list of competitive events to earn Research and Problems credit each year. A sample selection form and possible events can be found in the Appendix and from the Academy office.

H0641	1 Local Credit	Grade 10	Research and Problems I
			Co-curricular
			Prerequisites: None
			Class Rank Category: Local (0)

H0651	1 Local Credit	Grade 11	Research and Problems II
			Co-curricular
			Prerequisites: Research and Problems I
			Class Rank Category: Local (0)

H0661	1 Local Credit	Grade 12	Research and Problems III
			Co-curricular
			Prerequisites: Research and Problems II
			Class Rank Category: Local (0)

One credit of Research and Problems will be earned each year that a student successfully completes the required Academy major project in grades 10-12. For their projects, students may solve design problems, do individual or group research, or participate in Destination Imagination or other approved competitions. Credit will be awarded upon completion of the course requirements.

Explorations

H0671	1 Local Credit	Grades 9-10	Co-curricular	
				Prerequisites: None
				Class Rank Category: Local (0)

Academy students are required to earn **14 "Exploration Credits"** over two years that then generate one-unit of local credit for the Explorations course. Credit will be given for lectures as well as trips that take place at night, on Saturdays, on holidays, over weekends, and during breaks, and will focus on developing self-reliance, responsibility, and a greater understanding of career opportunities and of the importance of science and technology in our world. Activities earning trip equivalents are announced during the year by e-mail and on our web site.

Note 1: By pre-arrangement, students may be given "trip equivalents" for travel experiences with parents or on their own. The Independent Exploration Approval Form is available in the Academy Office, or on the Academy Web Site.

Note 2: Students are expected to complete their Explorations by the end of their sophomore year. Explorations MUST be completed before the Internship may be started. A letter jacket patch is awarded when Explorations are completed.

Internship

H0611	1 Local Credit	Grades 11-12	Co-curricular
	Prerequisites:		14 Exploration Credits; Acceptance in EfTA Internship Program or Registration with the Academy Internship Coordinator
	Class Rank Category:		Local (0)

The Education for Tomorrow Alliance (EfTA) Summer Internship Program places students into a variety of scientific, technical, medical, and other professional settings in the CISD community in June. Each student is evaluated by his/her mentor during the internship and is visited by a CISD internship sponsor. Students accepted into this program earn one unit of local credit.

Each Academy student is required to complete at least one internship with a mentor during his or her sophomore or junior year or during the summer. The internship is designed to provide an in-depth experience in an area of student interest and 80 hours is the *minimum* time requirement. (An EfTA internship meets this requirement.) The Academy intern coordinator works with the student and mentor regarding placement and evaluation. A variety of settings and options are available.

To earn one unit of local credit for internship, the student must submit a report and a presentation based on the internship to the Academy office. Report requirements are posted on the Academy website.

Note: To be making satisfactory graduation progress, all Internship requirements must be completed by the end of the nine-weeks following completion of the Internship time requirement or <i>no later than</i> the end of the third nine weeks of the senior year.
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Community Service

A minimum of 100 hours of community service must be completed by the end of the third nine weeks of their senior year. A log to document these hours, as well as volunteer opportunities, can be found on the Academy website.

Examples of community service:

- Volunteering at the animal shelter
- Volunteering at the food bank
- Volunteering at the Montgomery County library
- Volunteering at a junior high or elementary school activity
- Volunteering through Montgomery County United Way
- Volunteering through Woodlands Interfaith
- Volunteer with the YMCA
- Assisting elderly or disabled neighbors with chores, errands, yard work
- Working Freshmen Orientation
- Helping teachers on teacher workdays
- Tutoring outside of school hours

Community service guidelines:

- You cannot receive payment
- The activity cannot be part of a fundraiser
- The activity cannot be required by a sport/program you are in (i.e., band, ROTC, football, etc.)
- You cannot receive a grade in class for the activity
- The activity cannot be during school hours (unless arranged through Academy office, ex. Read for a Better Life activities at an elementary school).
- You MAY count community service hours done for another organization towards your Academy requirement.

Academy Application and Selection Criteria

Application information is made available during the fall to all eligible eighth grade students interested in the Academy program. **Resident students must apply during their eligible 8th-grade year.** No applications from resident students will be accepted after this time. Late and move-in applications will be taken March through July. Out-of-district eighth grade and high school transfer students interested in the Academy should contact the Academy office for further information.

Junior high grades and standardized test scores are used to qualify students for the Academy. Minimum averages in junior high English, social studies, math and science courses are required. The Academy selection committee uses the student's application letters, teacher evaluations, test results, writing sample, and an interview to assess the student's interest in, and commitment to, succeeding in a rigorous academic program. Parental understanding of the program and support of the student are vital to this success. We want to admit students who will bring something special to the program and who will benefit from it. Not all applicants may be interviewed.

A student must have completed Algebra I to enter the Academy.

Maintaining Academy Enrollment

To be considered an Academy student, i.e. enrolled in the Academy and making satisfactory progress towards graduation, the student must:

- (a). Be enrolled in at least three required Academy courses for each grade level for **four** years; early graduation from the Academy will NOT be possible.
- (b). Earn credit for Research and Problems in grades 10, 11 and 12. If credit is denied or otherwise not earned during the school year the student is subject to dismissal review. A summer Independent Project may be required, which would have to be presented to an appropriate panel by September 15th of the following school year.

NOTE: An Academy student is expected to enroll in an available Academy course unless an irresolvable scheduling conflict or other documented need exists. Under these circumstances, the course taken would count as a course “taught” in the Academy.

Students not meeting Academy enrollment requirements are subject to dismissal.

- (10) The **Senior** Component: complete, pass, and get credit for **all** Academy courses (i.e. taught by Academy teachers or approved as “Academy” courses) the senior year.

<p>Waivers: Modifications to the above requirements may be granted to students who enter the Academy after the ninth grade, or in recognition of special circumstances, as long as all other requirements are met. Waiver requests must be submitted in writing and signed by student and parent. The specific graduation plan of any student granted a waiver as approved by the faculty and Headmaster will be placed in the student's file.</p>

Satisfactory Graduation Progress

If you are making satisfactory graduation progress, a letter and an Academy Class Profile will be included with your official transcript for college and/or for scholarship applications. The letter explains the special nature of the Academy program. The Class Profile provides further information about the Academy and your graduating class.

If you are **not** making satisfactory progress, these items will **not** be sent with your transcript.

Following are specifics for *satisfactory graduation progress*.

- **Courses:** Required courses have been taken and passed; passing averages in all current Academy classes.
- **Explorations:** all **14 Exploration Credits** should be completed by the end of the sophomore year. **A letter jacket patch is awarded when Explorations are completed.** If you **start** your *junior* year needing Exploration credits, you are **not** making satisfactory graduation progress.
- **Internship:** You must complete all Internship requirements by the end of the nine-weeks following completion of your Internship time requirement. For example, if you do your Internship in the summer of 2022, you have until the end of the first nine weeks of the 2022 fall semester to complete all of the other requirements.
- **Research & Problems Projects:** You must complete your Research and Problems project requirements by the end of the third nine weeks each year (unless competition occurs after this date).
- **Last Senior Progress Report Date:** You must be passing all Academy courses and must have completed Internship, Explorations, and Research & Problems requirements by this date to receive your Academy medallion and to be recognized as an Academy graduate at graduation. Any student who does not meet this final deadline or who subsequently fails or is denied credit for an Academy course will not be recognized as an Academy graduate.
- **Adequate Progress:** The Academy faculty is committed to the success of our students. We realize that each student is uniquely dedicated and talented but also may experience difficulty in one or more courses from time to time for a variety of reasons. Academy students are expected to maintain a minimum grade of 75 each semester in each Academy course in order to demonstrate satisfactory progress and to be prepared for further study. Every effort will be made to work with students to attain this level of consistent performance. Any student experiencing academic difficulty is expected to work with teachers, other students, and with adults at home to identify and solve the problem. Tutorial help is available. CHS Counselors are also available for help. Three-week progress reports are provided to help students and parents monitor academic progress.

Dismissal from ASHP: Students may be dismissed from ASHP for academic or behavioral reasons in accordance with this handbook, the CISD student handbook and/or the CHS student handbook. Students, of course, have a right to due process and appeal.

Resignation or Dismissal from the Academy

A student who resigns from the Academy, or who is dismissed from the Academy for academic or behavioral reasons, will be reassigned to his or her attendance zone high school **only** at the semester (unless requested otherwise by the parents and approved by both principals).

APPENDIX

2021-2022 Research and Problems Selection Form

Name _____ ID _____ Grade _____

This is a contract between _____, a student, and the Academy for Science and Health Professions for the completion of all requirements of the full (1) credit local course, Research and Problems (I, II, III), for the 2021-2022 school year.

This form is to be returned to the ASHP office signed by the **Academy mentor/teacher and student by Sept 13, 2021**. You only need a signature for your **one** choice **unless** you are selecting projects that count ½ credits, then (**two**) both mentors must sign the sheet.

PLEASE SELECT ONE:

Project Selection

Selection (✓)	R&P Option	Credits Possible	Mentor Signature
	Best Robotics	.5 – 1.5	Mr. Bond
	Eng.Design Comp.	.5 – 1	Ms. Brabson
	HOSA (10-12)	.5 – 2	Ms. Gibala
	Science Fair 9th grade only	1 – 2.5	Dr. Han
	Science Fair 10-12	1 - 2.5	Waldrum (10 th), Curry (11 th), Waldrum (12 th) Han or Almanza--- by arrangement
	Computer Science Comp	1 – 2	Dr. Melsom
	Biotech Comp	.5	Ms. Almanza
	SciBowl/UII Science (11 th or 12 th)	.5/.5	Ms. Dillion/Ms. Langwell
Each student should carefully consider their "own" calendars prior to selection of the R & P Option. If the student selects an option that falls on a particular date where other commitments lie, the student must understand that the credit will not be awarded for partial demonstration , and the student will have to select, complete, and demonstrate in another venue for credit award.			
- No Faculty Presentations -			
Any and all changes made to the contract must be presented to Mr. Kelly for approval.			

Student Responsibility

The student agrees to the following:

1. To keep up with posted information regarding assignments, deadlines, due dates, competition entrance requirements, etc. 2. To make and keep appointments with the teacher as directed in the Research & Problems Options Matrix. 3. To do top quality work. 4. To meet all project/registration/presentation timelines. 5. To follow all regulations given in accordance with competitions related to your project. 6. To do your own work, remembering that this is a STUDENT project.
2. Students **failing to complete** any R&P option requirement for that school year will result in: See R&P Options Grading Rubric for detailed explanations.

Teacher Responsibility

The teacher agrees to do the following:

- To serve as the mentor/sponsor teacher of record, To assist the student in obtaining help as much as possible based on the student meeting needed appointment times with mentor, To provide appointment time as needed and primarily after school, Saturday sessions, tutorial periods, during which student/teacher conferences or lab experimentation may be held, To sponsor the student's participation in competitions, including in-district, out-of-district opportunities; insuring levels of quality for all projects prior to entering competitions; Assign grade based on R&P Options Grading Rubric to be reported on official transcript as local credit course.

Acknowledgement of Understanding and Agreement

Student Name _____ Student Signature _____ Date _____

Teacher Name _____ Teacher Signature _____ Date _____

2021-2022 Pre-Approved Exploration Credit

Academy for Science & Health Professions

The following sites have been pre-approved for Exploration credit during 2021-2022.

Students will earn credit for the following Explorations provided all criteria are met.

Pre-approved: (Circle which one accompanies your report)

- | | |
|---------------------------|-----------------------------------|
| College visit (limit 2) | Museum of Natural Science |
| Houston Zoo | Moody Gardens |
| Health Museum | Distinguished Lecture Series |
| University of Houston Arc | NASA Johnson Space Center |
| Center Walking Tours | EFTA Distinguished Speaker Series |
| State & National Parks | |

Students must do the following:

1. Attend the exploration and obtain **documentation** (tickets, pictures, booklets, etc.)
2. Record your notes and reflections.
3. Type a summary (2-4 page double spaced) of the experience that includes your reflections of what you learned, and how the experience connects to what you are learning or have learned in class.
4. Submit the report the Academy office.

THIS FORM MUST BE ATTACHED TO YOUR SUMMARY.

Student Name: _____ Class of: _____

Credit awarded: _____ Date: _____

Comments:

Student Independent Exploration Proposal

Academy for Science & Health Professions

Name: _____ Grade: _____ Date: _____

Student Proposal: Please print or type and be specific. You may attach a separate sheet.

What: _____

When: _____

Where: _____

Justification for your proposal. Remember that the exploration must be related to **STEM**.

_____ Student Signature

_____ Parent Signature

_____ Approved	_____ Denied because: _____
_____ Notes required – daily notes, times, reflections.	
_____ Documentation required (tickets, brochures, pictures, etc.).	
_____ Other Requirements: A summary report. See below. Student must submit a 2-4 page typed summary that includes your reflections of what you learned, and how the experience connects to what you are learning or have learned in class.	
_____ Date submission due: (summary report and exploration journal)	
_____ By	_____ Date
THIS FORM MUST BE ATTACHED TO THE FRONT OF YOUR REPORT.	
Credit: _____	By: _____ Date: _____
Comments: _____	

ASHP Community Service Log

It is the responsibility of each student to turn in all hours to the ASHP office and to the College and Career Center.

Student Name

Student ID

Year of Graduation

Date	Location/ #Hours	Type of Activities	Coordinator Title/Phone#	Coordinator Signature

For Office use only:

Date

Recd_____

Date

Recorded_____ Recorded by____