



## "Looking Towards Tomorrow with Intelligence, Innovation, and Creativity"

### Legacy 2000 Course Description

- Legacy 2000 is a rigorous academic program for students interested in careers in math, science, or technology fields. Although the Legacy 2000 class is not itself a math or science class, course content will explore the tangible and intangible skills required by these professionals. Legacy 2000 class work will consist of several types of projects, conducted individually, and as groups.
- Our Industry Partners stress the importance not only of technical skills, but also professional skills such as communication in written and verbal form, teamwork, research, networking, and time management. Legacy 2000 class work will reflect these expectations. Relative to other classes, there will be fewer assignments, but higher expectations. Our Industry Partners continuously stress the importance of collaboration and teamwork in the workplace. Therefore, throughout the Legacy 2000 program there will be assignments where students will be expected to function with others to produce a quality product.

**Legacy 2000 is a class that aims to teach the skills involved with being a STEM professional. Most high school courses are focused on content, while L2k is focused more on projects that teach the skills that successful professional will need. In addition, most of the topics students focus on are self-chosen.**

#### Students will gain experience with:

- Informational Research
- Experimental Research and Design
- Technical Writing
- Presentations/Public Speaking
- Group Work
- Networking
- Problem Solving
- Communication
- Technology

#### Freshman Year

Introduces the skills that students will work on and use throughout their time in our program. They also learn how to pay attention to detail, follow directions closely, and meet deadlines while working both independently and interdependently. Students focus on quality research, technical writing, public speaking, collaboration, and time management skills.

#### Sophomore Year

Takes the skills learned in 9th grade and applies them to what STEM communities really do. The first semester is focused on experimental science while the second semester is focused on engineering. Students get a chance to see and feel what it is like to work in these kinds of environments. Students work primarily in groups on longer term projects.

#### Junior Year

Builds on the self-discovery that has occurred in the first two years of the program. Students are expected to find a 20 hour "job shadow" that allows them to better understand all aspects of that profession. It also includes projects and guest speakers who help them navigate college choices.

#### Senior Year

This final level uses all of the tangible and intangible skills of the program to prepare them for a 40 hour job internship of their choosing. It also helps them refine their college search for the appropriate program that they have identified as the best pathway to their professional goals.

## Fall 2017 Application Process and Timeline

### Application Criteria:

1. Reading and math MAP scores from 6th, 7th, and 8th grades (on Infinite Campus this is referred to as NWEA). Please bring a copy to the application session. These items can be printed from Infinite Campus or accessed through middle school counseling offices. If you do not have MAP data, then use other standardized test scores in place of that.
2. Responses to essay prompts.

### Eligibility For Legacy 2000:

- For Incoming 9th graders: Anyone within the Adams 12 school district. However, only 40% (maximum of 36 students) can be accepted from outside our high school boundaries.
- For 9th graders: Anyone who has attended LHS for their freshman year.
- No students from outside of Adams 12 school district are eligible for this program

Legacy 2000 can take up to 96 students each school year.

### Application sessions dates:

- **Monday, November 27th.**
- **Tuesday, November 28th.**
- **Wednesday, November 29th.**
- **Thursday, November 30th.**
- **Friday, December 1st.**

All sessions will be at Legacy high school. There will be two application sessions per night, one running from 4:10 to 5:10, and one from 5:15 to 6:15. Students and parents can enter through the west doors and follow the signs to room A217. Parents will be directed to a room to hear about the program and be able to ask questions and hear from current Legacy 2000 students about their experiences. Students will go to the computer lab and type their essay responses. There is no need to sign up for a session; just show up for one that works for you.

### Important items to note:

- Sessions will start promptly at the designated time. Students will have until the end of the session window to complete their essay responses. If a student shows up late to a session, they will be admitted, but they will not be allowed to work past the session end time.
- Students may not bring pre-completed responses to the session and may not access email or any electronic devices during the session.
- Students will be allowed to submit only one set of responses to the prompts.
- Students must know their email, address, and parent contact info (email and phone number) in order to complete the session.
- Each essay response has a recommended maximum word length of 200 words. Responses may be shorter than this, however.

### APPLICATION ESSAY PROMPTS FOR 2017:

1. **Select a significant discovery or invention in the fields of math, science, or technology and explain its importance.**
2. **Why do you want to join Legacy 2000, and what do you want to gain from this program?**
3. **Successful professionals in STEM fields exhibit many traits and skills. Among these are:**
  - Perseverance
  - Communication through writing and public speaking
  - The ability to research effectively
  - Effective collaboration and interpersonal skills
  - Strong content knowledge of their subject area

**Which of these is your greatest strength? Which is the area in which you will need to grow the most? Explain.**

Essays will be read and scored by Legacy 2000 teachers. Scores will be collected and averaged. Overall score for application is 50% essay response and 50% MAPs data.

Notifications will be made by the end of January.

Legacy 2000 Website: <https://sites.google.com/a/adams12.org/l2k/home>