

CRAFTON HILLS COLLEGE

GUIDED PATHWAYS

Updates and Goals



- Flexible mapping options
- Integration with Catalog

Program Pathway

1. Program: New Degree/Certificate: Math

The Associate in Science-Transfer (AS-T) degree in Mathematics at Crafton Hills College is designed to meet the needs of students transferring to a California State University who intend to major in Mathematics or a related field of study.

SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters

Semester 1 **Units: 13.0**

Recommended Courses in Semester 1 for students beginning with Math 102 - College Algebra

| Course | Sequence | Units |
|-----------|-----------------------------------|-------|
| MATH 4 | College Algebra for STEM Majors ➔ | 4.0 |
| ENGL 1 | Reading and Composition 1 ➔ | 3.0 |
| AHIS 1 | Western Art History I | 3.0 |
| COM ST 11 | Elements of Public Speaking | 3.0 |

The sequence number is the recommended order in which courses should be taken

➔ Gateway Course Approved for Global Citizenship Approved for Distance Education

Semester 2 **Units: 12.0**

| Course | Sequence | Units |
|-------------------------|----------------------------------|-------|
| MATH 3 | Trigonometry with Applications ➔ | 3.0 |
| BIOL 2 | Human Biology | 3.0 |
| PHILOS 7 | Logic and Critical Thinking | 3.0 |
| HUM 26 (same as HUM 26) | Introduction to the Humanities | 3.0 |

The sequence number is the recommended order in which courses should be taken

➔ Gateway Course Approved for Distance Education

Semester 3 **Units: 16.0**

| Course | Sequence | Units |
|----------|----------------------------------|-------|
| MATH 7 | Calculus 1 ➔ | 5.0 |
| PHYSCS 6 | General Physics 1 with Lab | 4.0 |
| POL SC 1 | American and California Politics | 3.0 |

TEMPORARY

■ PDF Template

Associate in Science for Transfer

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Program Learning Outcomes

A student receiving a degree in this field will be able to:

- 1) Recognize, define, and apply formal mathematical notation to explain mathematical ideas.
- 2) Successfully perform multivariate calculations, such as differentiation and integration, in both theoretical and applied settings.
- 3) Apply critical thinking skills to analyze, interpret, and solve a variety of mathematical problems.

| Semester 1 – Fall – 15 Units | Units |
|--------------------------------------------|-------|
| MATH 102 College Algebra | 5 |
| ENGL 101 Freshman Composition | 4 |
| Oral Communication GE (IGETC 1C) | 3 |
| Social and Behavioral Science GE (IGETC D) | 3 |

| Semester 2 – Spring – 15 Units | Units |
|--------------------------------|-------|
| MATH 103 Trigonometry | 4 |
| PHIL 103 Critical Thinking | 4 |
| Physical Science GE (IGETC 5A) | 4 |
| Arts GE (IGETC 3A) | 3 |

| Summer – 4 Units | Units |
|-------------------------------------|-------|
| MATH 250 Single Variable Calculus I | 4 |

| Semester 3 – Fall – 17 Units | Units |
|--------------------------------------|-------|
| MATH 251 Single Variable Calculus II | 4 |
| MATH 265 Linear Algebra | 4 |
| POLIT 100 American Politics | 3 |
| Biological Science GE (IGETC 5B) | 3 |
| Humanities GE (IGETC 3B) | 3 |

| Semester 4 – Spring – 15 Units | Units |
|-----------------------------------------------|-------|
| MATH 252 Multivariable Calculus | 5 |
| MATH 110 Intro. to Probability and Statistics | 4 |
| HIST 100 or HIST 101 | 3 |
| Arts or Humanities GE (IGETC 3A or 3B) | 3 |

MAP UPDATES

- Most 2 year maps are complete
- 3 year maps developed and ready to be reviewed

| Psychology - AAT (IGETC) | | | |
|--------------------------|--------------------------|------------------------------------------------------------------------------------------|-------|
| Semester | Course | Title | Units |
| 1 | PSYCH 100 | General Psychology | 3 |
| | ENGL 101 | Freshman Composition | 4 |
| | BIOL 100 | General Biology | 4 |
| Total Semester Units | | | 11 |
| 2 | MATH 110 or PSYCH 120 | Intro to Probability and Statistics or Statistics for the Social and Behavioral Sciences | 4 |
| | | IGETC 1C ORAL COMMUNICATION | 3 |
| | | UC Transferable ELECTIVE | 3 |
| Total Semester Units | | | 10 |
| 3 | PSYCH 111 | Developmental Psychology: Lifespan | 3 |
| | | IGETC 1B CRITICAL THINKING | 4 |
| | | UC Transferable ELECTIVE | 3 |
| Total Semester Units | | | 10 |
| 4 | PSYCH 201 | Research Methods | 3 |
| | | IGETC 3A ARTS | 3 |
| | | UC Transferable ELECTIVE | 3 |
| Total Semester Units | | | 9 |
| 5 | MAJOR ELECTIVE | Choose a Course from Major Electives below | 3 |
| | HIST 100 or 101 | History of the US to 1877 or History of the US 1865 to Present | 3 |
| | | IGETC 5A PHYSICAL | 3 |
| | | UC Transferable ELECTIVE | 3 |
| Total Semester Units | | | 12 |
| 6 | POLIT 100 | American Politics | 3 |
| | | IGETC ONE ADDITIONAL COURSE FROM 3A ARTS OR 3B HUMANITIES | 3 |
| | | UC Transferable ELECTIVE | 3 |
| Total Semester Units | | | 9 |
| Total Units | | | 61 |

GP SUMMIT

- Participated in IE GP Summit
- Great participation from campus

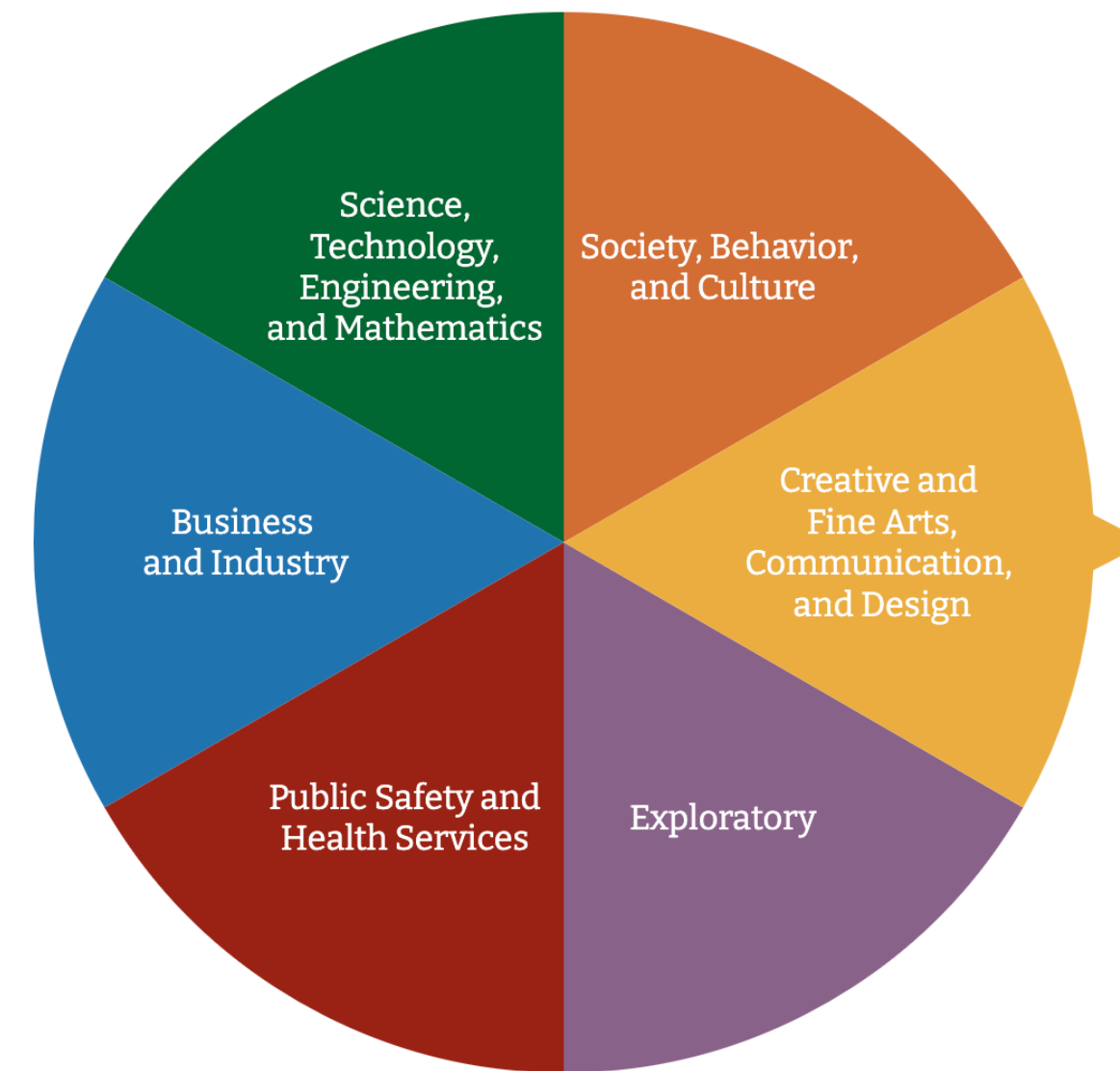


WEBSITE

- Career and Academic Pathways Website
- Streamline Career and Program Information
- Aligned with Valley

Career and Academic Pathways

[Home](#) > Career and Academic Pathways



Choose a pathway to begin.

Click one of the pathways to the left to begin exploring.

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Do these characteristics describe you?

- I am creative, expressive, independent, original and innovative
- I like self-expression, writing, and working with ideas
- I am good at performing arts, visual arts, music, and being imaginative
- I like to speak and/or perform in front of people.
- I want to learn how to take abstract concepts and portray them in original ways
- I have strong communication skills.
- I like to create things that entertain or inform others

Sample Careers:

- Audio and Video Technician
- Multi-Media Artist
- Animator
- Architect
- Actor/Actress
- Recording Artist
- Interpreter
- Translator
- Speech Language Pathologist
- Journalist/Writer
- Teacher
- Web Page Developer

Transfer, Degrees, and Certificates in Creative Arts, Communication and Design

Associates Degree: An Associate of Arts (AA) or an Associate of Science (AS) degree.

Associate Degree for Transfer (ADT): Degrees designed for transfer to a CalState school.

Locally-Approved Certificate: A low-unit, locally-approved program for which you may receive a certificate of completion but which will not appear on your transcript.

Certificate of Achievement: A programs that is approved by the California Community Colleges' Chancellor's Office and will appear on your official college transcript.

All [Degrees](#) [Certificates of Achievement](#) [Locally-Approved Certificates](#) [Transfer With a Degree](#)

[American Sign Language \(AA\)](#)

[Fine Arts \(Multidisciplinary AA\)](#)

[Music Tech., Composition, and Songwriting \(Cert\)](#)

[Art \(AA\)](#)

[Graphic and Media Design \(Cert\)](#)

[Music Tech. & Songwriting Fundamentals \(Cert\)](#)

Career and Academic Pathways

[Business and Industry](#)

[Creative Arts, Communication and Design](#)

[Exploratory](#)

[Public Safety and Health Services](#)

[Science, Technology, Engineering and Mathematics](#)

[Society, Behavior and Culture](#)

NEXT YEAR GOALS

- Implement major course ordering in Starfish
- Go live with CAP Website in Fall
- Go live with 2 year Maps in Fall

Career and Academic Pathways

[Home](#) » Career and Academic Pathways

CHC **Mathematics AS-T (IGETC)** Full-time Roadmap

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| Social and Behavioral Science GE (IGETC D) | 3 | Arts GE (IGETC 3A) | 3 |

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| MATH 251 Single Variable Calculus II | 4 | MATH 252 Multivariable Calculus | 5 |
| MATH 265 Linear Algebra | 4 | MATH 110 Intro. to Probability and Statistics | 4 |
| POLIT 100 American Politics | 3 | HIST 100 or HIST 101 | 3 |
| Biological Science GE (IGETC 5B) | 3 | Arts or Humanities GE (IGETC 3A or 3B) | 3 |
| Humanities GE (IGETC 3B) | 3 | | |

Science, Technology, Engineering, and Mathematics