

# SCIENCE, MATH & ENGINEERING PATHWAY PROGRAM MAP: CATALOG YEAR: 2023-24



## Computer Information Systems: Internet Authoring Certificate

The Internet Authoring Certificate provides students with entry-level skills for a variety of jobs that require Web page creation

**Please see a Pathways Counselor:** Create an education plan customized to meet your needs. [Contact a Counselor](#)

### Transfer Majors/Award Focus

- Computer Science, A.S.-T CSU, CSUSM, UC
- Computer Information Systems, A.S., Focus: Authoring, Networking, Programming: General, Database, Web
- Internet Authoring, Networking, Programming Certificate

### GE Pattern/Units

- GE Pattern: n/a
- Total Units: 18

**Program maps** indicate the major coursework and recommended general education courses to fulfill your degree in 2 years (approximately 15 units/semester or 30 units/year). If you are a part-time student, start Semester 1 courses and follow the course sequence. Some of the courses listed may be substituted by another course. Please view these options in the official course [catalog](#).

### Semester 1

9 Units

	COURSE	TITLE	UNIT
<input type="checkbox"/>	CSIS-103	Introduction to the Internet	3
<input type="checkbox"/>	CSIS-115A	Web Development - Level 1	3
<input type="checkbox"/>	CSIS-525	Web Development - Level 2 <sup>1</sup>	3

### Semester 2

9 Units

	COURSE	TITLE	UNIT
<input type="checkbox"/>	CSIS-786	Developing ASP.NET Web Applications	3
<input type="checkbox"/>	CSIS-514A	SQL Programming - Level 1	3
<input type="checkbox"/>	CSIS-113B or CSIS-113C or CSIS-116E	Java Programming - Level 1 or C# Programming - Level 1 or Python Programming - Level 1	3

### Notes:

<sup>1</sup>Take second 8 weeks.

### Work Experience

Sign up for a special project or internship opportunity. Gain [work experience](#) and earn credits.

### Career Options

Networking & IT Administration (A, B)

Web Development (A, B)

Programming (A, B)

Find more careers: [msjc.emsicc.com](https://msjc.emsicc.com)

Required Education: SM: some college; C: Certificate; A: Associate,

B: Bachelor's, M: Master's; D: Doctorate

### Financial Aid

Financial aid is determined by the number of credit hours you take in a semester. Maximize your financial aid by taking 12-15 units per semester.