Why Gavilan for STEM Students?

- Three successive grants from the Department of Education
- Math support
  - Math Lab and STEM Center
  - Embedded Tutors
  - Math Bootcamps and Support classes
- Full-time STEM Counselor
- Outstanding faculty
- STEM Academies and Clubs
- Paid Summer Internships
- STEM based General Education classes
- Full offering of STEM degrees, including Engineering
The STEM Academy: a program that provides a community of support for the student until transfer to the four-year university

How does the student join?

- Recruitment is based on level in Math
- Students must apply, and must be STEM majors to qualify
- Initiation consists of pre-semester Math boot camp and STEM Symposium, and development of an Ed Plan by our STEM counselor to plan courses/transfer
- Emphasis of Bootcamp and Symposium is on community building and developing student to student relationships
- Students should apply early to secure a spot

Benefits of the Academy

- Students become a member of the STEM Family
- Monthly meetings, progress reports, mandatory time in the STEM Center
- Faculty and peer mentors
- Access to lending library for:
  - Math and other books
  - Laptops and iPads
  - MiFi’s, calculators and other supplies
- Monthly meetings, progress reports, mandatory time in the STEM Center
- Students get stipend ($) for various activities
Summer 2021
Math 240 (Algebra II)
- Students who did not complete senior level math or who took Statistics in their senior year
- Students must be STEM majors or STEM interested

STEM Academy Course offerings Summer/Fall 2021

Fall 2021

The STEM Zone
- **Bootcamp** (August) – Prepare for PreCalculus/Algebra review
- **Math 8A** (PreCalculus)
- **Guidance 6** (Life Skills for Higher Education)
- STEM Based GE course

Calculus Academy
- **Math 219** and **STEM Symposium** (August) – Review of mathematical topics needed in Calculus I and II and topics related to college life, STEM careers, motivation and related topics
- **Math 1A** (Calculus) or **Math 1B** (Calculus)
STEM Based Student Clubs

- COMPUTER SCIENCE CLUB
- GLOBAL CLIMATE CLUB
- GEAR – GAVILAN ENGINEERING AND RESEARCH CLUB
STEM based General Education

We currently offer the following general education classes with an emphasis on STEM:

- **Communications 1A: Intro to Public Speaking** – Explores communication of STEM related subjects, climate change, and public policy
- **Guidance 1 – Life Skills for Higher Education**
- **Guidance 6 – Career and Self-Assessment**
- **English 1A: Composition and Reading** – explores STEM related issues in reading and writing assignments
- **Humanities 3: Intro to Cinema, Film and Television** – Films will be STEM focused
- **English 1C: Critical Reasoning and Writing** – Analyzes ethical, societal and political ramifications of innovations in the areas of STEM
Where to Apply

Visit the STEM Program webpage at www.gavilan.edu/stem for Academy application (coming soon), news, events, and more information

Contact

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