

TitanWare



Transforming Technology-Empowered Learners

TitanWare is Cal State Fullerton's comprehensive technology ecosystem designed to advance student success. Our goal is to provide students with the solutions needed to thrive academically and in the workplace. Many faculty expect students to bring a laptop to class every day to leverage our technology-infused teaching & learning ecosystem in and out of the classroom.

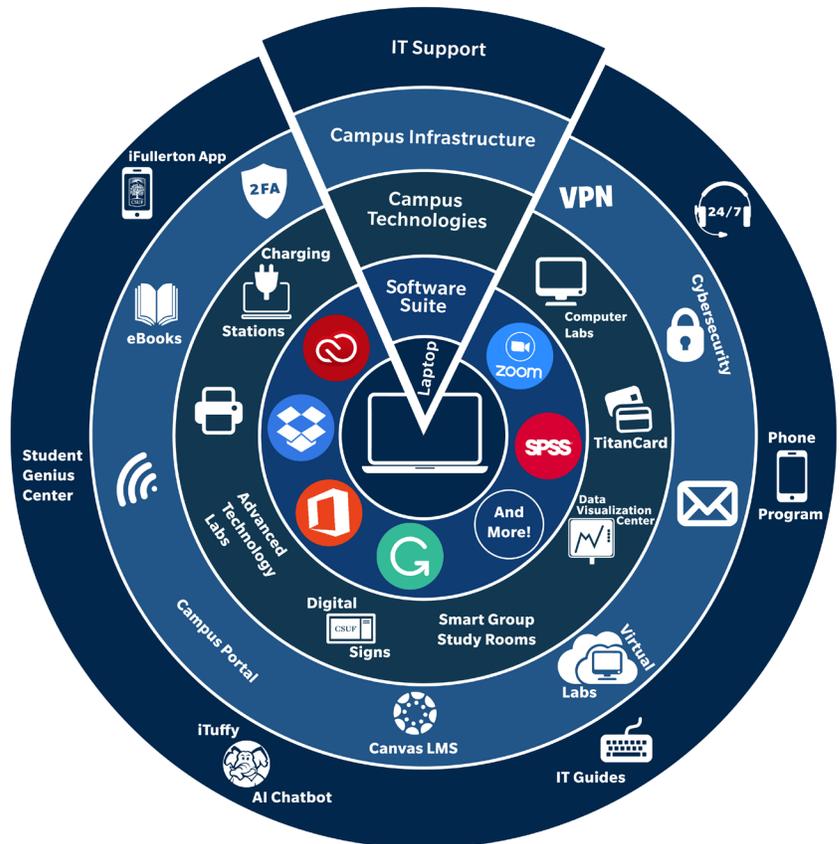
[TitanWare](#) and laptops were essential to the transition to a virtual environment during the pandemic. In addition, they are vital for the return to campus

Student Laptops

The Laptop is the nucleus of our suite of technologies.

As students install college-specific software and use their laptop, they will develop valuable skills needed for the workforce of the future.

Technology Ecosystem at CSUF



Students have access to a rich suite of software (**retail value at over \$10,000 a year**) at no additional cost.

Visit [Student Software webpage](#) to view the software suite.

Students should expect to bring their laptop to campus everyday

Students have the following options to acquire a laptop:

- Use a laptop they currently own
- Purchase from [TitanShops](#) bookstore at a **discounted price and with [payment plan options](#)**
- Purchase their own laptop
- Borrow a laptop from campus
 - Long-term (semester), based on financial need
 - Short-term (48hrs), available to all

24x7 Student IT Helpdesk is available to help load the suite of software and set up Wi-Fi. The Student IT Helpdesk is 24x7 during the Fall and Spring semesters.

Visit the [CSUF Information Technology website](#) for a full list of all IT services



Laptop Specifications by College / Discipline

College

Minimum Specifications

Recommended Specifications

College of the Arts

- Operating System: macOS
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 1 TB
- Graphics Card: Dedicated Graphics Card

Example: MacBook Pro 13"



[View available models at the Bookstore](#)

Performing Arts/Lighting

- Operating System: Windows 10 or macOS
- Processor: Intel Core i7-i9
- Memory: 32 GB or more
- Storage: 1TB
- Graphics Card: Dedicated OpenGL 4.1 compatible with at least 16GB VRAM
- Display Resolution: 1920x1080

Performing Arts/Theater Tech Design

- Operating System: macOS
- Processor: Intel Core i7
- Memory: 32 GB
- Storage: 1TB
- Graphics Card: Dedicated OpenGL 4.1 compatible with at least 16GB VRAM (NVIDIA GeForce RTX 2080 TI)
- Display Resolution: 1920x1080

Visual Arts/Graphic -
Interactive Design

- Operating System: macOS
- Processor: Intel Core i7-i9
- Memory: 32 GB
- Storage: 1TB
- Graphics Card: AMD Radeon Pro 5500M
- Display Resolution: 16" Retina Display with True Tone

Visual Arts/Animation (Dell Alienware M15)

- Operating System: Windows 10
- Processor: Intel Core i7 (or i9 ideally) or Ryzen 7
- Memory: 32 GB
- Storage: 1TB (SSD)
- Graphics Card: NVIDIA 2070 Super and above (3000 levels recommended)

[View available models at the Bookstore](#)

Laptop Specifications by College / Discipline (cont.)

College

Minimum Specifications

Recommended Specifications

College of Business and Economics

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 8 GB
- Storage: 256 GB

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 16 GB
- Storage: 512 GB

Example: Dell Inspiron 14

Example: Dell Inspiron 14



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College of Communications

Human Communication Studies;
Communication Sciences and
Disorders

Human Communication Studies;
Communication Sciences and
Disorders

- Operating System: macOS
- Processor: Apple M1
- Memory: 8 GB
- Storage: 256 GB

- Operating System: macOS
- Processor: Apple M1
- Memory: 8 GB
- Storage: 512 GB

Example: MacBook Air

Example: MacBook Pro 13"



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[View available models at the Bookstore](#)

Communications;
Cinema and Television Arts

Communications;
Cinema and Television Arts

- Operating System: macOS
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 512 GB

- Operating System: macOS
- Processor: Apple M1
- Memory: 16 GB
- Storage: 512 GB

Example: MacBook Pro 13"

Example: MacBook Pro 13"



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[View available models at the Bookstore](#)

Laptop Specifications by College / Discipline (cont.)

College

Minimum Specifications

Recommended Specifications

College of Education

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 8 GB
- Storage: 256 GB

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 16 GB
- Storage: 512 GB

Example: Dell Inspiron 14

Example: Dell Inspiron 14



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[View available models at the Bookstore](#)

- Operating System: macOS
- Processor: Apple M1
- Memory: 8 GB
- Storage: 256 GB

- Operating System: macOS
- Processor: Apple M1
- Memory: 8 GB
- Storage: 512 GB

Example: MacBook Air

Example: MacBook Pro 13"



[View available models at the Bookstore](#)

[View available models at the Bookstore](#)



Laptop Specifications by College / Discipline (cont.)

College

Minimum Specifications

Recommended Specifications

College of Engineering and Computer Science

PC (strongly encouraged for Engineering majors):

- Operating System: Windows 10
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 512 GB

Example: Dell Inspiron 14



Mac:

- Operating System: macOS
- Processor: Apple M1
- Memory: 16 GB
- Storage: 256 GB

Example: MacBook Air



PC (strongly encouraged for Engineering majors):

- Operating System: Windows 10
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 512 GB
- Dedicated Video Card

Example: Dell Inspiron 15



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Mac:

- Operating System: macOS
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 512 GB

Example: MacBook Pro 13"



[View available models at the Bookstore](#)

College of Health and Human Development

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 8 GB
- Storage: 256 GB

Example: Dell Inspiron 14



[View available models at the Bookstore](#)

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 16 GB
- Storage: 512 GB

For student video projects

- Operating System: Windows 10
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 512 GB

Example: Dell Inspiron 14



[View available models at the Bookstore](#)

Laptop Specifications by College/Discipline (cont.)

College

Minimum Specifications

Recommended Specifications

College of Humanities and Social Sciences

PC:

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 8 GB
- Storage: 256 GB

PC:

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 16 GB
- Storage: 512 GB
- Dedicated Video Card (Geography & Anthropology)

Example: Dell Inspiron 14

Example: Dell Inspiron 14



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[View available models at the Bookstore](#)

Mac:

- Operating System: macOS
- Processor: Apple M1
- Memory: 8 GB
- Storage: 256 GB

Mac:

- Operating System: macOS
- Processor: Apple M1
- Memory: 16 GB
- Storage: 512 GB

Example: MacBook Air

Example: MacBook Pro 13"



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[View available models at the Bookstore](#)

Geography

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 16 GB
- Storage: 256 GB

Geography

- Operating System: Windows 10
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 512 GB

Example: Dell Inspiron 14

Example: Dell Inspiron 14



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[View available models at the Bookstore](#)

Laptop Specifications by College / Discipline (cont.)

College

Minimum Specifications

Recommended Specifications

College of Natural Sciences and Mathematics

Mathematics PC

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 16 GB
- Storage: 256 GB

Example: Dell Inspiron 14



[View available models at the Bookstore](#)

Mathematics PC

- Operating System: Windows 10
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 512GB

Example: Dell Inspiron 14



[View available models at the Bookstore](#)

Mathematics Mac

- Operating System: macOS
- Processor: Apple M1
- Memory: 8 GB
- Storage: 256 GB

Example: MacBook Air



[View available models at the Bookstore](#)

Mathematics Mac

- Operating System: macOS
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 512 GB

Example: MacBook Pro 13"



[View available models at the Bookstore](#)

Chemistry

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 8 GB
- Storage: 256 GB

Example: Dell Inspiron 14



[View available models at the Bookstore](#)

Chemistry

- Operating System: Windows 10
- Processor: Intel Core i7
- Memory: 15 GB
- Storage: 512 GB

Example: Dell Inspiron 14



[View available models at the Bookstore](#)



Laptop Specifications by College / Discipline (cont.)

College

Minimum Specifications

Recommended Specifications

College of Natural Sciences and Mathematics (cont.)

Biology PC

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 16 GB
- Storage: 256 GB

Example: Dell Inspiron 14



[View available models at the Bookstore](#)

Biology PC

- Operating System: Windows 10
- Processor: Intel Core i7
- Memory: 32 GB
- Storage: 512 GB

Example: Dell Inspiron 14



[View available models at the Bookstore](#)

Biology Mac

- Operating System: macOS
- Processor: Apple M1
- Memory: 8 GB
- Storage: 256 GB

Example: MacBook Air



[View available models at the Bookstore](#)

Biology Mac

- Operating System: Windows 10
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 512 GB

Example: MacBook Pro 13"



[View available models at the Bookstore](#)

Physics

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 16 GB
- Storage: 256 GB

Physics

- Operating System: Windows 10
- Processor: Intel Core i7
- Memory: 32 GB
- Storage: 512 GB

Geology

- Operating System: Windows 10
- Processor: Intel Core i5
- Memory: 8 GB
- Storage: 256 GB

Example: Dell Inspiron 14

Geology

- Operating System: Windows 10
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 512 GB

Example: Dell Inspiron 14



[View available models at the Bookstore](#)



[View available models at the Bookstore](#)



Laptop Specifications by College / Discipline (cont.)

College	Minimum Specifications	Recommended Specifications
Undeclared	<p>PC:</p> <ul style="list-style-type: none">• Operating System: Windows 10• Processor: Intel Core i5• Memory: 8 GB• Storage: 256 GB <p>Example: Dell Inspiron 14</p>  <p>View available models at the Bookstore</p>	<p>PC:</p> <ul style="list-style-type: none">• Operating System: Windows 10• Processor: Intel Core i5• Memory: 16 GB• Storage: 512 GB <p>Example: Dell Inspiron 14</p>  <p>View available models at the Bookstore</p>
	<p>Mac:</p> <ul style="list-style-type: none">• Operating System: macOS• Processor: Apple M1• Memory: 8 GB• Storage: 256 GB <p>Example: MacBook Air</p>  <p>View available models at the Bookstore</p>	<p>Mac:</p> <ul style="list-style-type: none">• Operating System: macOS• Processor: Intel Core i5• Memory: 16 GB• Storage: 512 GB <p>Example: MacBook Pro 13"</p>  <p>View available models at the Bookstore</p>



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Questions? Contact the Student IT Help Desk at 657-278-8888 or StudentITHelpDesk@fullerton.edu