

Beckman High School

Magnet Programs, Dual Enrollment and Elective Pathways

Donnie Rafter

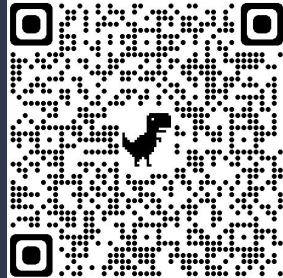
Principal, Beckman High School

Robert Melendez

Counselor/Professor, Irvine Valley College



Questions?



Overview of School



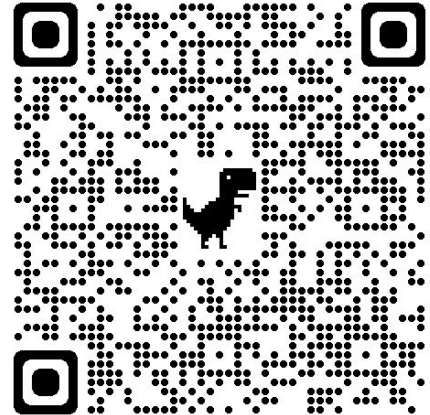
Beckman High School is a comprehensive public school, with ~2,900 students in grades 9-12.

Located in Irvine, Beckman services residential communities in Tustin, Irvine & Santa Ana.

BHS follows a traditional, 6-period day, and offers a full variety of extracurriculars, arts, & athletics.

Link to school profile:

<https://bit.ly/3oIAOFz>



Early College

Robert Melendez

Counselor/Professor, Irvine Valley



Beckman HS & IVC Early College Program



The Purpose:

The Early College Program (ECP) is to provide the opportunity for academically qualified high school students to complete the Intersegmental General Education Course Certification (IGETC) and potentially earn an Associate's Degree (additional units are needed outside of ECP to obtain an associate's degree).

The program is specifically designed to allow students looking to attend a UC or CSU campuses with almost two years worth of transferable college credit, saving thousands of dollars in tuition and valuable time that can be directed toward a career or graduate work.

Classes offered through ECP are for college credit and carry the same rigor and content as the course offered on the IVC campus. All courses

Overview of Early College Program

Sample Schedule:

Students take two IVC classes each semester (Fall and Spring)

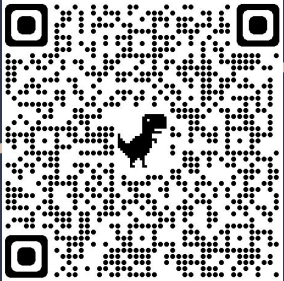
During the regular school year, students take at least four TUSD classes at Beckman High School & two IVC classes each semester. 9th & 10th graders are required to take a Zero period class & will have a seven period day.

	Freshman Year	Sophomore Year	Junior Year	Senior Year
			US History	
	English (b)	English (b)	English (b)	English (b)
	Math (c)	Math (c)	Math (c)	Math (c)
	World Language (e)	World Language (e)	World Language (e)*	Elective
	PE	PE		
	Biology (d)	Chemistry (d)	Physics (d)	Elective
First Semester Early College	Counseling 10 (g)	Sociology 1 (g)	Humanities 1 (g)	Writing 1 (b)
First Semester Early College	History 1 (a)	Psychology 1 (g)	Econ 1 (g)	Biology 1 / Biology 1 Lab (d)
Second Semester Early College	Music 20 (f)	Communication 1 (g)	Econ 2 (g)	Writing 2 (b)
Second Semester Early College	History 2 (a)	Geography 1 (g)	Psychology 10 (Statistics) (c)	Political Science 1 (a)
	IVC courses at BHS/Zero per required	IVC courses at BHS/Zero per required	IVC courses at BHS/Zero per required	IVC courses at IVC/No zero period

*If an athlete, student can take World Language at IVC in the summer

Benefits of the Early College Program

Questions?



Early College Program will provide HS students an opportunity to:

- Earn 51 Transferable College Units
- Majority of IVC classes are “weighted,” allowing students to receive a GPA boost on the Beckman HS transcript
- Complete UC and CSU General Education Pattern (IGETC)
- Use IVC’s tutorial, library, counseling, transfer center, labs, and other facilities and services
- Reduces costs of higher education
- Earn credits towards HS graduation & towards an Associate & Baccalaureate degree

Early College Desirable Student Traits

- Good time management
- Strong study skills
- Self advocate
- Self motivated
- Student maturity



Early College Important Dates

8th Grade Parent Night March 23rd (format TBD)

Applications Due mid-April

Acceptance/Denial Letters Mailed Late May

IVC Fall Registration in Late June

Dates will be posted on BHS Website when they become available.

Questions?



Contact Info & links for Early College Program



Beckman website link:

www.tustin.k12.ca.us/beckman/

Sara Hungerford- Beckman Secretary/Dual
Enrollment Coordinator:

shungerford@tustin.k12.ca.us

IVC Counselor: Robert Melendez
(rmelendez@ivc.edu)

IVC Website: www.ivc.edu

IVC Early College Website:

<http://academics.ivc.edu/earlycollege>

Beckman HS Visual & Performing Arts Department



The Arts program at Beckman HS exists on 2 levels:

1. To offer every student a well-rounded education: The Four A's. There are entry level courses in all disciplines (Guitar, Dramatic Productions, General Choir, Graphic Arts, 2D Art, & Photography).
2. To offer interested students a high level arts education in preparation of majoring in the arts at a top tier arts school (music conservatory, RISD, NYU film, etc.)

Each instructor in the arts department either has professional experience or a masters degree or both. Each instructor is ready to take your student to the next level.

Beckman HS Visual & Performing Arts Department

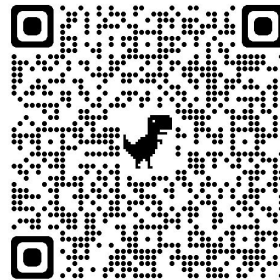


Each of the disciplines is broken into levels, generally a entry level (beginning or freshman), intermediate level, and advanced level of study. In some disciplines, there is an AP level as well.

Students that are interested in the arts can complete pathways in preparation for college majors.

Every year Beckman Arts students compete and succeed in festivals, exhibitions, and competitions at the district, local, state, and national levels.

Questions?



Beckman HS Visual & Performing Arts Department



Some links to our work:

[Beckman Arts Students Senior Reflections 2019 *](#)

[The Making of Beauty & The Beast 2019 *](#)

[Orchestra Carnegie Hall 2019 *](#)

[Beckman Beat *](#)

[Beckman Wind Ensemble Super Hero Concert](#)

[Beckman Orchestra at Segerstrom Hall](#)

[Beckman Choir](#)

[Beckman Theater: Laramie Project](#)

[Beckman Theater: The Odd Couple](#)

[Beauty & The Beast 2020](#)

* Produced by Beckman Film Students

Fine Arts & Theater Arts



Fine Arts

- Year 1 Exploration Art
- Year 2 Drawing and Painting
- Year 3 Advanced Drawing & Painting/AP Studio Art

Theater Arts

- Year 1 Dramatic Production
- Year 2 Drama Workshop
- Year 3 Advanced Theater Arts

Digital Media

Filmmaking, Graphic Design, Visual Imagery/Photo



Filmmaking

- Year 1 Dramatic Production
- Year 2 Digital Filmmaking
- Year 3 Independent Film Projects

Graphic Design

- Year 1 Graphic Design 1
- Year 2 Graphic Design 2
- Year 3 Graphic Design 3/AP Studio Art Graphic Design

Visual Imagery/Photography

- Year 1 Photography/Design
- Year 2 Visual Imagery
- Year 3 AP Studio Art Photography

Performing Arts: Vocal & Instrumental Music



Choir

- Year 1 Mixed Choir
- Year 2 Madrigals/Bel Canto
- Year 3 Madrigals/Bel Canto

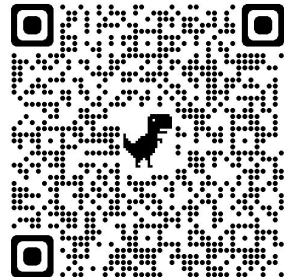
Instrumental Music - Band

- Year 1 Symphonic Band
- Year 2 Wind Ensemble

Instrumental Music - Orchestra

- Year 1 Concert Orchestra
- Year 2 Symphonic Orchestra
- Year 3 Chamber Orchestra

Questions?



Beckman HS Visual & Performing Arts Department & Contacts



Matt Bausman, **Band**
(mbausman@tustin.k12.ca.us)

Nathan Boice: **Film** (nboice@tustin.k12.ca.us)

Jim Kollias, **Orchestra & General Music**
(jkollias@tustin.k12.ca.us)

Gigi Manning, **Graphic Arts**
(gmanning@tustin.k12.ca.us)


Antonio Moon: **Theater** (amoon@tustin.k12.ca.us)

Sami Squieri, **Painting & Drawing**
(ssquieri@tustin.k12.ca.us)

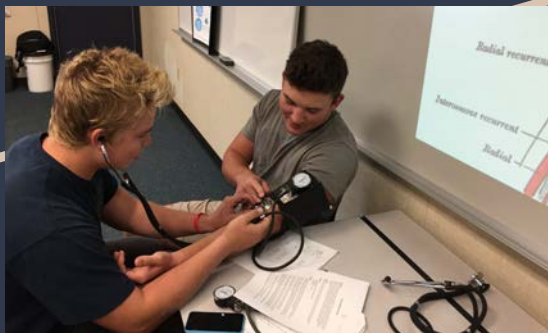
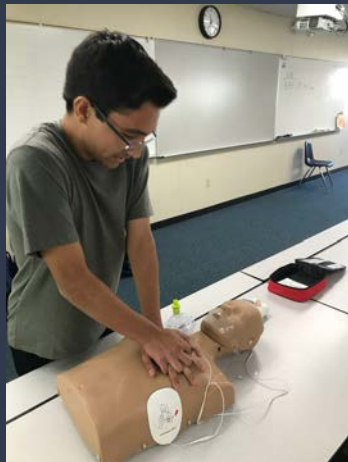
Nancy Stuck, **Choral Music & Guitar**
(nstuck@tustin.k12.ca.us)

Dual Enrollment Opportunities

Sports Medicine
Business
Communications
Dance
TBD...

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Sports Medicine



4-course (3 Year) Certificate Program
emphasizing:

- Human Anatomy
- Injury Prevention, Recognition, & Care
- Emergency Care & Management
- First Aid Skills & Nutrition
- Kinesiology and Biomechanics
- Taping and Bracing Techniques
- CPR Basic Life Support Certification

Sports Medicine



For students interested in a medical or allied health care career.

12th graders can qualify for an Athletic Training internship.

Internship is a practical experience working as an athletic training student aide, assisting at BHS athletic games/practices during Spring semester

Hands-on skills & real world healthcare practice supervised by the athletic training staff

Sports Medicine

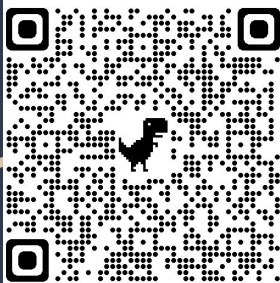
Courses



1. "HUMAN BODY SYSTEMS" PLTW (9th Grade)
2. "SPORTS MED & ATHLETIC TRAINING" (11th)
- 3A. KNES 85 "Intro Athletic Training"
(12th, Semester 1)
- 3B. KNES 212 "Sports Med Internship" (if top 20) or
NUTRITION 2 "Sports Nutrition" (12th, Semester 2)

10th Grade- No room for an extra elective

Questions?



IVC Business

For 12th Graders

Two Semester Certificate Program For
possible Business majors

6 Total College Units, 20 HS Credits

1st Semester: Mgmt 1 "Introduction To
Business"

2nd Semester: "Entrepreneurship"
Broken into 3 short, consecutive courses:

ENTR 200- "Pathways to Success"

ENTR 211- "Business Models"

ENTR 212- "Market Validation"

IVC Communications

For 12th Graders

Two Semester Certificate Program For possible Communications majors

6 Total College Units, 20 HS Credits

2-course certificate program emphasizing:

Comms 1- "Communication Fundamentals" 3
units/10 Credits

Comms 3- "Argumentation/Debate"
3 units/10 Credits

IVC Dance History 77

Online History of Dance

(No Dancing Required)

11th & 12th graders

Single online course

10 Highschool Credits, 3 College Units

Meets Fine Arts/Elective requirement

Dance 77 “Dance History: 20th Century”

Primarily Self-Paced/Flexible Schedule

Dual Enrollment Contact Info

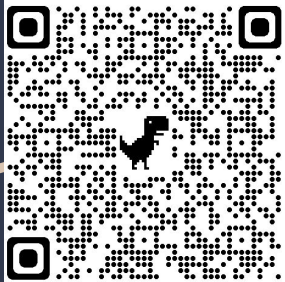
School website [Counseling](#) link

<https://bit.ly/32tPACV>

Who to contact for more information:

Sara Hungerford
shungerford@tustin.k12.ca.us

Questions?



Engineering

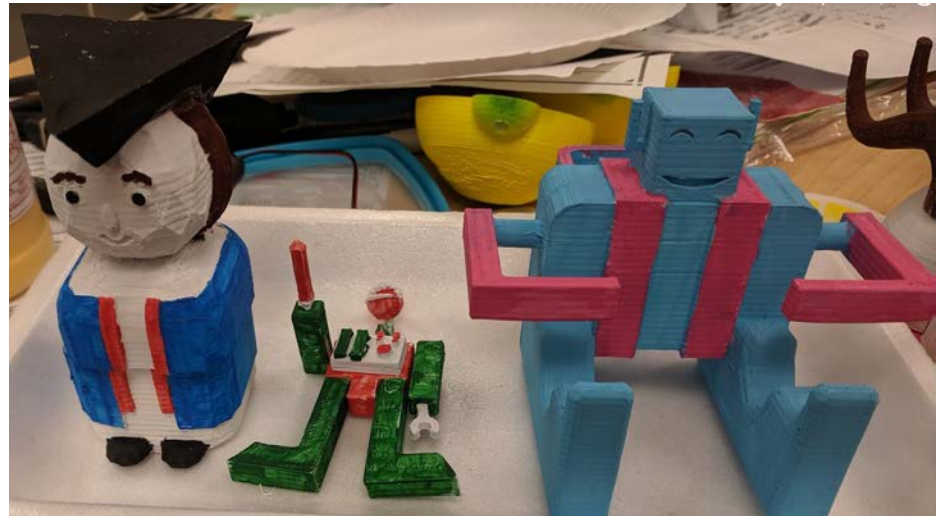
3 year pathway

Students learn & apply engineering principles that undergrad engineering majors experience in college.

- 9th “Intro Engineering” (PLTW)
- 11th “Principles of Engineering” (PLTW)
- 12th “Comp Sci A AP” or “Comp Sci Principles AP”

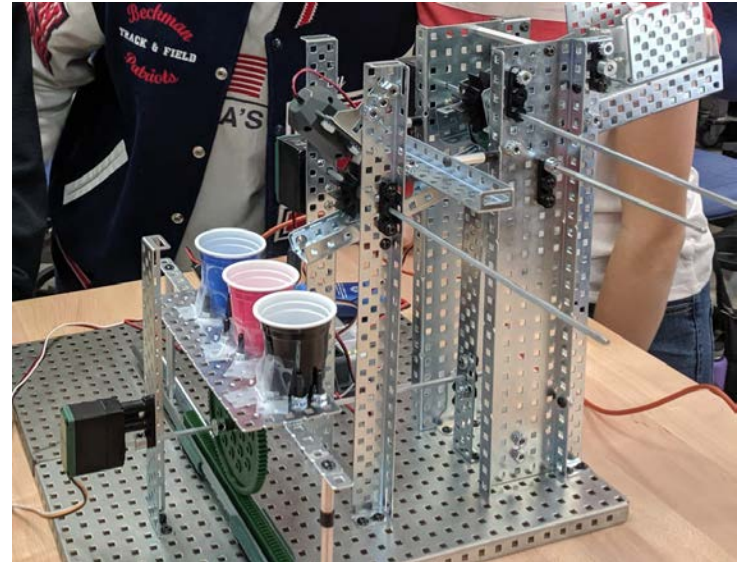
Engineering

Students begin by learning design process & CAD their own parts to use in a 3D Printer.



Engineering Features/ Extracurriculars

Next, students transition into learning principles of mechanical, civil, and electrical engineering.



Engineering

Students finish with coding and computer science

```
public static void main(String[] args) {  
  
    int x = 20;  
    int y = 20;  
  
    if(x < y){  
        System.out.println("X is less than Y");  
    }else if(x == y){  
        System.out.println("X is equal to Y");  
    }else{  
        System.out.println("X is greater than Y");  
    }  
}
```

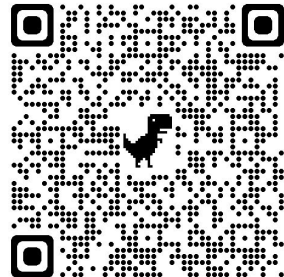
Engineering and Robotics

The Beckman VEX Robotics Club is an extracurricular offered at Beckman

Students have an opportunity to apply the knowledge they learn from design process, to mechanics, to programming from the Engineering Pathway in a real-life, collaborative setting of a robotics competition.



Questions?



Engineering Contact Info

Engineering teacher SK Sit:

sksit@tustin.k12.ca.us

Computer Science teacher Peter Muller:

pmuller@tustin.k12.ca.us

Where do Electives/Pathways fit?

Most Common

	Freshman Year	Sophomore Year	Junior Year	Senior Year
a		World Hist	US Hist	Gov/Econ
b	English	English	English	English
c	Math	Math	Math	Math
d	Lab Science	Lab Science	Lab Science	Lab Science
e	Foreign Lang	Foreign Lang	Foreign Lang	
f				
g	Elective/Pathway		Elective/Pathway	Elective/Pathway
other	PE	PE		
# of Classes	6	6	6	5

General Questions?

Please use the link below to complete the question form for general questions about Beckman High School magnet programs

<https://bit.ly/3HMk9nt>

Questions?

