

# The Windjammer

August 2017

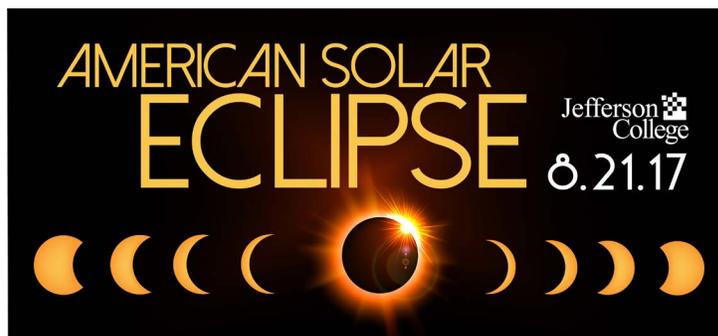
Jefferson College

1000 Viking Drive  
Hillsboro, MO 63050  
(636) 481-3000 or 797-3000  
[www.jeffco.edu](http://www.jeffco.edu)

## 2017-18 PACE Series Begins With Once-in-a-Lifetime Solar Eclipse Event on Aug. 21

Where will you be? What will you do? How will you remember...the highly anticipated solar eclipse that will occur on August 21? Jefferson College will host a special viewing event with a variety of educational activities on the Hillsboro campus to kick off the Performing Arts and Cultural Enrichment (PACE) Series for 2017-18.

The last time a total solar eclipse occurred in the greater St. Louis area was 1442 and the next one in our region won't occur until 2505. Better make this one count!



### GREAT AMERICAN ECLIPSE - AUGUST 21 – JEFFERSON COLLEGE EVENT DETAILS:

- ☀ Hillsboro campus will open at 8 a.m. - events will run 9 a.m.-1 p.m. – totality (darkness) occurs around 1:16 p.m.
- ☀ Parking is \$5 (cash only) per vehicle on a first-come, first available space basis. College will not allow saving of spots or camping in advance on Saturday or Sunday.
- ☀ No alcohol or firearms allowed on campus. Jefferson College is also smoke-free and tobacco-free, including e-cigarettes.
- ☀ Concessions, drinks, refreshments, viewing glasses, and t-shirts and other souvenir items will be available for purchase.
- ☀ Attendees are welcome to bring lawn chairs, blankets, and coolers (subject to random checks).
- ☀ Classes at all locations will not physically meet from 8 a.m.-3 p.m. and alternative/online instruction will be provided during that time period.

### **MANY FAMILY-FRIENDLY EDUCATIONAL ACTIVITIES WILL BE AVAILABLE, INCLUDING:**

- ☀ Educational Demonstrations
- ☀ Kids Zone – Petting Zoo and Games
- ☀ Guest Speakers and Topical Presentations
- ☀ Arts/Entertainment
- ☀ Telescope Viewing Stations
- ☀ Citizen CATE Science
- ☀ Weather Balloon Launch
- ☀ Cosmic Ray Detecting
- ☀ Live Streaming Video from NASA
- ☀ Eclipse and Solar System Scale Models

Jefferson College is a prime viewing location due to the 2 minutes 38 seconds of totality (darkness) the area will experience beginning at 1:16 p.m. in its position along the eclipse pathway. Many believe the natural phenomenon will be one of the most-viewed ever as the rare natural wonder takes place—turning daytime into night while the sun's corona

blazes in the sky. The Moon will get between the Earth and the Sun and cast a shadow over Earth. Darkness will fall in the middle of the day. Planets and stars may appear. The temperature could drop up to 5 degrees Fahrenheit (3 degrees Celsius). Animals and insects may behave like nightfall has set.

12 states and 12 million people live directly within the path of totality. Missouri ranks #1 in of the states in the path with 3.4 million of its residents living directly in the path of totality. The St. Louis region has 1.6 million residents living within the path of totality and is tied with Nashville for the most number of residents living directly within the path.

For up-to-date eclipse event details at Jefferson College, visit [www.jeffco.edu/ECLIPSE](http://www.jeffco.edu/ECLIPSE).

**AMERICAN SOLAR ECLIPSE** Jefferson College 8.21.17

**UNFORGETTABLE SOLAR ECLIPSE EXPERIENCE**

Jefferson College's sensational Performing Arts and Cultural Enrichment (PACE) Series for 2017-18 will kick off with a rare solar eclipse and viewing event on **Monday, August 21, 2017**. A phenomenal natural wonder will take place – a total eclipse of the sun, which turns daytime into night while the sun's corona still blazes in the sky. It's likely to be the most-viewed ever, so the time to start planning where you will be on that day is now. **Don't miss an incredible sight you'll remember your whole life...at Jefferson College!**

**SOLAR ECLIPSE EVENTS & ACTIVITIES FOR ALL AGES!**

**\$5 PARKING FEE PER VEHICLE Hillsboro Campus, 1000 Viking Drive (first-come/first available space)**  
**ONLINE/ALTERNATIVE INSTRUCTION PROVIDED FOR ALL CLASSES SCHEDULED BEFORE 3PM (All Locations)**

**Campus Opens at 8 AM – Events Begin at 9 AM**  
**Bring Lawn Chairs & Blanket, Coolers Allowed (no alcohol, subject to random checks)**

- Educational Demonstrations
- Kids Zone – Games, Petting Zoo & More!
- Guest Speakers • Topical Presentations
- Arts/Entertainment
- Telescope Viewing Stations
- Citizen Science
- Cosmic Ray Detecting
- Live Streaming Video from NASA
- Eclipse and Solar System Scale Models
- Weather Balloon Launch
- Viewing Glasses, T-Shirts & Souvenirs for Sale
- Concessions • Drinks • Refreshments

*A total solar eclipse will not happen again until 2505!*

**SUN** **MOON** **EARTH**  
**TOTAL ECLIPSE**

Jefferson College is Smoke-Free, Tobacco-Free & Alcohol-Free: A Healthy Place to Learn, Live, & Work

**MORE ECLIPSE INFO & NEW EVENT DETAILS AT: [www.jeffco.edu/ECLIPSE](http://www.jeffco.edu/ECLIPSE)**

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# Eclipse Event to Include Continental-America Telescopic Eclipse Experiment (CATE) and Weather Balloon Launch

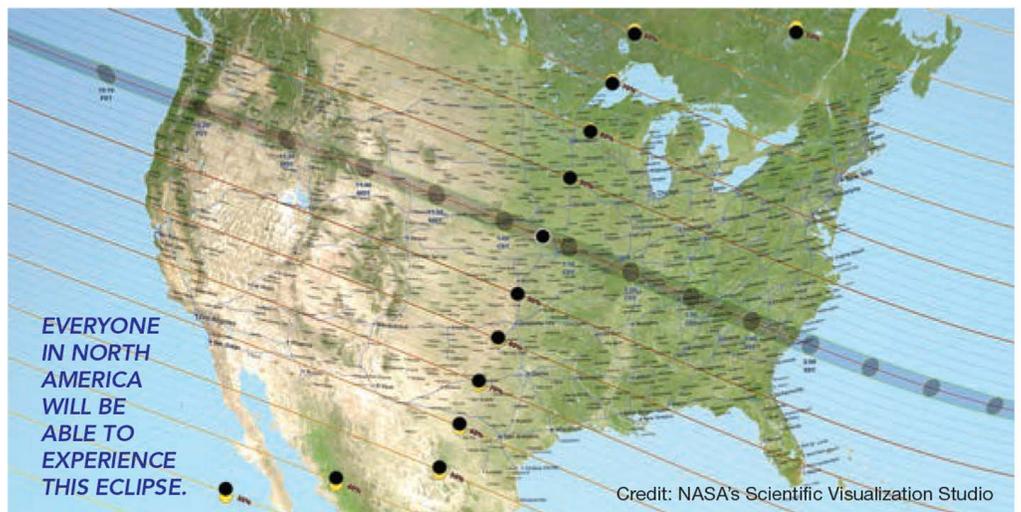
As the solar eclipse date event approaches, Jefferson College faculty members Dr. Bob Brazzle and Maryanne Angliongto of the Physics Department are preparing for three unique eclipse-related experiments in connection with the College's multi-faceted public viewing event.

Angliongto is working alongside local amateur astronomer Mark Bremer to coordinate Jefferson College's participation in the Citizen CATE (Continental-America Telescopic Eclipse) Experiment, which aims to capture images of the inner solar corona using a network of more than 60 telescopes operated by citizen scientists, high school groups and universities. The goal of CATE is to produce a scientifically unique data set by capturing images of the Sun's inner corona for 90 minutes.

Scientists, students and volunteers across the country will track the Sun using 68 identical telescopes, software and instrument packages spaced along the 2,500-mile path of totality. Each site with clear skies will produce approximately two and a half minutes of video. The resulting data set will consist of up to 90 minutes of continuous, high-resolution video of the Sun's dynamic inner corona—a region of the solar atmosphere typically very challenging to image.

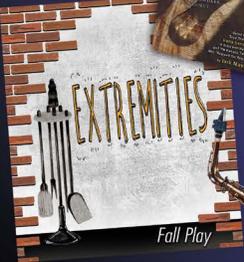
Brazzle is working with fellow scientists and representatives from St. Louis University and Ameren Missouri's facility in Cape Girardeau for coordinated weather balloon launches to study the atmospheric changes that happen when sunlight rapidly goes away. Parts of Missouri will lose sunlight for about two-and-a-half minutes during the eclipse. Temperatures could rapidly drop by an average of 10 degrees, according to the American Astronomical Society. Each balloon will carry a "radiosonde"—a suite of instruments that measure temperature, wind speed, humidity, and barometric pressure, and a radio to transmit these data to a receiving station. The balloons may climb to a maximum altitude of 100,000 feet. Jefferson College is one of 30 locations along the eclipse path participating in this NASA and NSF-sponsored research, called the Eclipse Ballooning Project.

A third experiment is also taking place at about 30 locations along the eclipse path, including Jefferson College. A team of researchers and high school teachers and students from Chicago will be setting up four muon detectors to monitor cosmic rays during the eclipse. Each cosmic ray particle produces a shower of muons as it strikes Earth's upper atmosphere. This work is part of QuarkNet—an international network of cosmic ray detectors in high schools.



This map shows the path of the moon's umbral shadow—in which the sun will be completely obscured by the moon—during the total solar eclipse of August 21, 2017. The lunar shadow enters the United States near Lincoln City, Oregon, at 9:05 a.m. PDT. Totality begins in Lincoln City, Oregon, at 10:16 a.m. PDT. The total eclipse will end in Charleston, South Carolina, at 2:48 p.m. EDT. The lunar shadow leaves the United States at 4:09 p.m. EDT. Outside this path, a partial solar eclipse will be visible throughout the continental U.S., and this map shows the fraction of the sun's area covered by the moon outside the path of totality.

August 21	American Solar Eclipse Event
August 29	Jacqueline Rose — <i>hometown hero-turned Nashville star</i>
September 7	Gentlemen of Vision — <i>documentary + live step dance performance</i>
September 18	Life in a Jar (Ripple of Hope Event) — <i>common read follow up</i>
October 2	Grace Kelly — <i>world-renowned saxophonist, singer &amp; composer</i>
October 12-15	Fall Play "Extremities"
October 22	Choir Concert "Choral Perspectives: An Eclectic Approach" <b>FREE!</b>
October 24	Band Concert "Old School" <b>FREE!</b>
October 26	Jazz Faculty Concert <b>FREE!</b>
November 5	Fall Back into Jazz <b>FREE!</b>
November 18-19	Children's Play "Cheer Up, Santa"
December 5	Band Concert "Renaissance Reconnaissance" ft. soloist Kirk Hanser <b>FREE!</b>
December 7	Community Jazz Project <b>FREE!</b>
December 10	Choir Concert "Sounds of the Season" <b>FREE!</b>
January 21	Vocal Edge — <i>a cappella sensation</i>
February 6	"Drumming Cultures of the World" Ft. Matt Henry — <i>experience rhythms from around the world</i>
February 22-23	Cabaret & Concert with Keith Boyer — <i>a peek behind the scenes of concert &amp; cabaret</i>
March 1-4	Spring Play "Love/Sick"
March 11	Choir Concert "Masterworks Performance" <b>FREE!</b>
March 13	Band Concert "Where Art Inspires Art" <b>FREE!</b>
March 15	Spring Jazz Showcase ft. Jazzmeia Horn — <i>award-winning jazz artist</i>
April 14	Jefferson County Shakespeare Project "A Midsummer Night's Dream"
April 20	48 Hour Film Festival Screening <b>FREE!</b>
April 23	Student Art Exhibition <b>FREE!</b>
May 8	Band Concert "The Movement of Music" ft. Saint Charles Community College Concert Band with James A Martin, Conductor <b>FREE!</b>
May 10	Choir Concert "A Celebration of Song" <b>FREE!</b>
Date TBA	Student Pottery Sale <b>FREE!</b>



**SEASON PASS**  
 \$25 GENERAL ADMISSION  
 \$15 STUDENTS AND SENIORS

Call Today! (636) 481-3123  
[jeffco.edu/pace](http://jeffco.edu/pace)



# Walk-In Wednesdays at Hillsboro Campus

## A One Stop Option for Fall Registration

Who wouldn't want to skip long lines, pre-scheduled advisor appointments, and multiple trips to campus to complete registration? To make fall registration convenient for prospective students, the College is continuing "Walk-In Wednesdays" on the Hillsboro campus through **August 23** with many services available in a one-stop setting.

Walk-In Wednesday hours are 8 a.m.-5 p.m. on the Hillsboro campus only. Prospective students should bring photo identification. No appointment is necessary.

Anyone interested in attending Jefferson College this fall can complete a variety of registration-related steps in one, convenient visit:

- ✓ Apply to the College
- ✓ Apply for financial aid
- ✓ Take the placement test
- ✓ Meet with an academic advisor
- ✓ Receive a degree audit
- ✓ Register for classes

*(students must have test scores on file that are within the past two years)*

- ✓ Get a student photo ID (free for first time students)
- ✓ Purchase a parking pass (\$10)
- ✓ Purchase text books



Looking for flexibility in scheduling classes? The College offers many options such as day, evening, hybrid (on site/online), and 8-week formats. A complete list of available degree programs and academic program offerings is located online at [www.jeffco.edu](http://www.jeffco.edu).

### JEFFERSON COLLEGE OFFERS FOUR DEGREE PATHWAYS:

**1 Associate of Arts (A.A.)** – a general studies program designed to transfer to a four-year college or university.

**2 Associate of Arts in Teaching (A.A.T.)** – designed to transfer to a four-year teacher education program.

**3 Associate of Science – Pre-Engineering (A.S.)** – designed to transfer to an engineering institution, specifically the Missouri University of Science and Technology.

**4 Associate of Applied Science (A.A.S.)** – a series of career and technical education programs designed for those who wish to gain employment directly upon graduation. In most A.A.S. programs, students may pursue either a degree or a career and technical certificate.

Residents can also pursue a bachelor's degree on campus through Jefferson College's cooperative partnerships with Missouri Baptist University, the University of Missouri-St. Louis, and Central Methodist University.

For more information about registering for fall classes, prospective students should call Jefferson College Enrollment Services at (636) 481-3209.

# I Am A Viking



*"I'm a Viking because I can earn my bachelor's degree on campus through Jefferson College's partnerships."*

— Maggie Caine —



*"I am a Viking because Jefferson College offers small class sizes and many opportunities for my future."*

— Preston Purchase —



*"I am a Viking because Jefferson College has been a part of my family for years. After visiting other institutions, Jefferson was the only place I wanted to be. It's a great stepping stone toward my educational goals."*

— Noah Skaggs —



*"I am a Viking because being here makes me feel like I'm at home."*

— Tyra Bonner —



*"I'm a Viking because Jefferson College is preparing me to easily transfer to a University."*

— Taylor Byington —

# College to Close Half-Day Aug 14 for Faculty/Staff Opening Week Meeting

All Jefferson College locations (Hillsboro, Arnold and Imperial) will be closed from 8 a.m.-12:30 p.m. on Monday, August 14, to allow for an all-faculty/all-staff opening week meeting in connection with the start of a new academic year.

Only the Child Development Center and Bookstore on the Hillsboro campus will remain open. For specific questions or additional information, call (636) 481-3000 or 797-3000.

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## Campus Police Officer Sets the Bar for Kimmswick PD BackStopper Fundraiser

Congratulations to Jefferson College Campus Police Officer Don Riffe who represented the College in fine fashion recently by helping raise \$208 for BackStoppers during the first ever Kimmswick Police Department Car Parade and Rally. The day included activities for the community to connect with law enforcement by touring booths, viewing police demos and seeing vehicles on display.

As part of a friendly challenge between participating police agencies to see who could raise the most donations, Riffe raised more than any other individual or department as a representative of the JCCPD.

To acknowledge the achievement, Kimmswick Police Chief William Burleson and Kimmswick Mayor Philip Stang presented the “traveling trophy” plaque to JCCPD Diane Scanga and Riffe at the Kimmswick Board of Alderman meeting in June.

The BackStoppers also attended the meeting to accept the check for all the donations raised during the event.

The plaque will eventually be returned to the Police Car Rally and Parade to await next year’s winner, where our JCCPD is hoping to “bring it home” again!



# Automotive Technology Shop Renovation Ribbon Cutting Set for August 18

Start your engines...to celebrate the completion of a \$300,000 renovation project designed to improve student learning in the Jefferson College Automotive Technology program, a ribbon cutting ceremony will be held on **Friday, August 18, at 9 a.m. in the Automotive Shop** located in the Career and Technical Education Building on the Hillsboro campus.

Following the ceremony, attendees can tour the new shop area, visit with program faculty, and enjoy light refreshments.

The event is open to everyone. Reservations are not required.

Approved in connection with the College's annual Strategic Planning Capital Project process, the renovation provides better utilization of shop instructional space and emulates a modern automotive environment. Improvements include double the amount of lifted working spaces for increased hands-on learning, updated workbenches and cabinetry, installation of energy-efficient high-powered LED lighting, increased storage capacity, refinished floors, and painted walls.

"We want to be the leading choice for anyone in our region who has the desire to train for a successful career as

an automotive technician," said Jefferson College President Dr. Raymond Cummiskey. "The College is at the epicenter of educating tomorrow's workforce. With the auto industry thriving, our program and renovated facilities give students hands-on experience in one of the most state-of-the-art learning centers in the region."

The Automotive Technology program recently received full reaccreditation by the National Institute for Automotive Service Excellence (ASE) National Automotive Technicians Education Foundation (NATEF) through 2022 by undergoing a rigorous evaluation using nationally accepted standards of excellence in instruction, facilities, and equipment.

The Jefferson College Automotive Technology program is a popular training option, allowing students to pursue an Associate of Applied Science degree or a Career and Technical certificate. Graduates are employed at some of the most respected and well-known repair facilities throughout the region.

Jefferson College **AUTOMOTIVE TECHNOLOGY**

*Ribbon Cutting*

We can't wait to show you what's behind these doors!

**AUGUST 18, 2017 • 9 AM**

*Come celebrate with us!*

Join us as we celebrate the newly renovated Automotive Technology facilities!  
Improvements include additional lifted working spaces for increased hands-on learning, energy-efficient high-powered LED lighting, increased storage capacity, updated workbenches and cabinetry, refinished floors, fresh paint, and more.

**Coffee & Cookies Provided**  
**Thank you for your support!**

# BOARD OF TRUSTEES

## July Report

All monthly agenda items and supporting materials are posted [online](#) via the [BoardDocs](#) site accessible through the Jefferson College website homepage at [jeffco.edu](#) clicking on “Welcome” > “About Jefferson College” > “Board of Trustees” links.

### ***July 13 Agenda Items Approved:***

- ✓ Approval of Consent Agenda Items (Minutes, Financial Statements, Faculty Load, and Advisory Committee Memberships)
- ✓ Authorization for Tax Hearing
- ✓ Publication of Annual Financial Statement
- ✓ Athletic Transportation
- ✓ Student Center Window Replacement
- ✓ Assistant Coaches, 2017-2018
- ✓ BAT-FAT Statement of Understanding

### ***July 27 Special Meeting Agenda Items Approved:***

- ✓ ATS Applied Math Faculty - Timothy Denney
- ✓ Nursing Faculty - Sarah Long
- ✓ Automotive Technology Faculty (Temporary) - Matt Turner
- ✓ OTA Academic Fieldwork Coordinator/Faculty - Shannon Tournier
- ✓ Head Softball Coach Annual Compensation

### ***2017 Board Meeting Dates/Times***

August 10 – 5:30 p.m., September 14 – 5:30 p.m., October 12 – 6:30 p.m.,  
November 19 – 5:30 p.m., December 14 – 5:30 p.m.

## BOARD OF DIRECTORS

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*Development Assistant*

# Jefferson College FOUNDATION



## BUSCH STADIUM GAME

Sunday, September 10, 2017

Jefferson College vs. Highland Community College

AFTER



**FUNDRAISER: \$30 per ticket (face value \$58)  
to Cardinals vs Pirates 1:15 p.m. game**

This is the first time in Jefferson College program's history that the Vikings will be playing a game at Busch Stadium. The game will take place following the 1:15 p.m. St. Louis Cardinals vs. Pittsburgh Pirates game.

**INTERESTED?** Contact Head Baseball Coach, Patrick Evers at [pevers@jeffco.edu](mailto:pevers@jeffco.edu) or 636.481.3385.

# Foundation to Host 30th Annual Viking Classic Golf Tournament September 19

The Jefferson College Foundation and Presenting President's Cup Sponsor Dobbs Tire and Auto Centers cordially invite golfers and businesses to help deserving students receive a quality education by participating in the 30th annual Viking Classic Golf Tournament on **Monday, September 18, at Fox Run Golf Club in Eureka.**

Proceeds from the tournament provide scholarships and quality programs that directly benefit students attending Jefferson College. The golf tournament is part of the annual campaign to raise funds to promote and support all educational programs; to provide state-of-the-art equipment and facilities; and to ensure access through scholarship funds to needy students.



“The Foundation Golf Tournament has become a fun and important annual event to support Jefferson College students,” said Foundation Executive Director Patti Christen. “Thanks to the generosity of the many people who make it successful, we are able to make a significant difference in the ability of students to access high-quality higher education.”

Individual golfer registration is \$175 per person (\$700 for teams of four) and includes green and cart fees, use of practice range, lunch, beverages/snacks during the tournament, and an awards dinner.

The tournament schedule includes check-in and practice range at 10 a.m., shotgun start/four-person scramble at 11 a.m., lunch on the course from noon-12:30, and awards dinner at 4:30 p.m. in the Fox Run Clubhouse. Registration via credit/debit card and additional details are available online at [www.jeffco.edu](http://www.jeffco.edu) by clicking on the Viking Classic Golf Tournament banner or by calling the Jefferson College Foundation at (636) 481-3105.

A variety of tournament sponsorship levels are available including player's Champion (\$2,500) highlighted by a private President's Reception at 8:30 a.m. with breakfast, a Bloody Mary bar, a golf clinic with a PGA professional, and participation in the tournament for a specified number of players.

Additional sponsorship levels include Viking Cup (\$2,000), Lunch Underwriter (\$1,500), Contest Hole Sponsor (\$575), and Hole Sponsor (\$250). Information about specific sponsorship and donation opportunities is available on the Jefferson College website at [www.jeffco.edu](http://www.jeffco.edu) by clicking on the Viking Classic Golf Tournament banner. The deadline for hole and sponsorship signage is Tuesday, September 5.

Supporting Jefferson College students is a great investment in Missouri's economy. Most students are local residents, and the vast majority find employment or continue their education in the region after graduating. The College prepares full-time and part-time students to enter the job market, to transfer to four-year colleges and universities, and to achieve their professional and personal goals. Programs and services support the economic growth of the community in response to changing needs.

The Jefferson College Foundation is a separately incorporated 501 (c) (3) nonprofit organization whose mission is to increase resources, to raise funds and to cultivate friends and partnerships to support Jefferson College and its mission.

# August 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10 Board of Trustees Meeting 5:30 PM ADM- Board Room	11	12 Soccer (Alumni Match) Noon Soccer Field
13 Baseball Showcase Camp 9:30 AM – 4 PM Baseball Field	14	15	16 Volleyball vs. Missouri Baptist (Scrimmage) 5 PM Field House - Gym	17	18 Automotive Technology Ribbon Cutting 9 AM CTE Building - Automotive Shop	19 Volleyball (Alumni Match) 6 PM Field House - Gym
20 Soccer vs. Lindenwood-Belleville (JV) Noon Soccer Field	21 AMERICAN SOLAR ECLIPSE 8.21.17 9 AM Hillsboro Campus Fall Classes Begin (8 AM – 3 PM classes meet online)	22	23	24 Soccer vs. Illinois Central 5 PM Soccer Field	25	26
27	28	29 PACE Jacqueline Rose 3 PM Masterclass 7 PM Concert Fine Arts - Theatre	30 Fall Play Auditions: "Extremities" Wednesday 2 PM & Thursday 3 PM Fine Arts Theatre	31 Volleyball vs. Missouri Baptist JV 6 PM Field House - Gym		