



Regional Tournament

Saturday, Feb. 3, 2024

GOSHEN  COLLEGE

Code of ethics

Science Olympiad code of ethics

The goal of competition is to give one's best effort while displaying honesty, integrity, and good sportsmanship. Everyone is expected to display courtesy and respect. Teams are expected to make an honest effort to follow the rules and the spirit of the problem (not interpret the rules so they have an unfair advantage). Failure by a participant, coach, or guest to abide by these codes, accepted safety procedures, or rules, may result in an assessment of penalty points or, in rare cases, disqualification by the tournament director from the event, the tournament, or future tournaments.

Student's pledge

I pledge to put forth my best effort in the Science Olympiad tournament and to uphold the principles of honest competition. In my events, I will compete with integrity, respect, and sportsmanship towards my fellow competitors. I will display courtesy towards Event Supervisors and Tournament Personnel. My actions will exemplify the proud spirit of my school, team, and state.

Coach's pledge

On behalf of the coaches and assistants at this tournament, I pledge to encourage honesty and respect for tournament personnel, our fellow coaches, and other team members. We want our efforts to bring honor to our community and school.

Parent's pledge

On behalf of the parents and spectators I pledge to be an example for our children by:

- respecting the rules of Science Olympiad,
- encouraging excellence in preparation and investigation,
- supporting independence in design and production of all competition devices,
- and respecting the decisions of event supervisors and judges.

Our examples will promote the spirit of cooperation within and among all our participating teams.

Event supervisor's pledge

On behalf of my fellow supervisors and tournament personnel, I pledge to run my event with fairness and respect for the participants and their coaches. Our actions will reflect the principles of the Science Olympiad program and display the pride we feel as representatives of our colleges, universities, companies, states or organizations.



Welcome science competitors!

As a college committed to the sciences, we are excited to again be hosting a Indiana Science Olympiad Regional Tournament. We hope you come back someday as a Goshen College student, possibly to major in one of our strong science programs like I did!

A few things you should know:

- Goshen College has a strong tradition of preparing students for post-graduate success and has one of the highest percentages of graduates obtaining doctorates among all U.S. liberal arts colleges.
- The medical school acceptance rate for Goshen College students who apply impressively ranges between 90-95%.
- 95% of nursing graduates have passed the National Council Licensure Exam for Registered Nurses in the last four years, compared to 81% nationally.

In recent years, here are some of the numerous ways we have worked to reduce our carbon footprint and become a more environmentally sustainable campus (learn more at goshen.edu/sustainability):

- installing a 924-panel solar array on the roof of the Rec-Fitness Center, which provides electricity for the entire Church-Chapel building;
- converting 20% of lawn space to native plants and prairie restoration;
- being named a Tree Campus USA, a Bike Friendly Campus (honorable mention) and Indiana's first Bee Campus USA;
- and purchasing 100% of campus electricity from renewable sources.

You have spent many hours thinking, building, testing, studying and exploring. Now it is time to put your preparations to the test. Enjoy the challenges the day brings; we are cheering you on! And when you are ready to visit colleges, please come back and check us out further.

Best wishes,

Dr. Rebecca Stoltzfus

BA in Chemistry, Goshen College '83

Goshen College President

Event Schedule

Event	Location	Impound	9	10	11	12	1	2
Air Trajectory	RFC West Gym	8 – 8:50	BC*	BC*	BC*			
Anatomy & Physiology	SC 201					B	C	
Astronomy	CC 110-111						C	
Can't Judge a Powder	SC 101						B	
Chemistry Lab	SC 101		C					
CodeBusters	SC 001		C		B			
Crime Busters	SC 101			B				
Detector Building	CC 141-144				C			
Disease Detectives	CC 112-113					C		B
Dynamic Planet	RFC 104			C		B		
Ecology	WY 319		C				B	
Experimental Design	SC 202		B					C
Fast Facts	CC 141-144							B
Fermi Questions	WY 211					C		
Flight	RFC East Gym			BC*	BC*	BC*	BC*	
Forensics	SC 101					C		
Forestry	SC 205			C	B			
Fossils	SC 204		B		C			
Geologic Mapping	RFC 104							C
Meteorology	WY 211							B
Microbe Mission	CC 110-111		B					C
Optics	SC 006			B			C	
Reach for the Stars	CC 110-111				B			
Road Scholar	WY 211			B				
Robot Tour	SC Lobby	8 – 8:50	C*	C*	C*	C*		
Roller Coaster	SC Lobby	8 – 8:50					B*	
Scrambler	RFC West Gym	8 – 8:50		C*	C*	C*		
Tower	CC W Lobby				BC*	BC*	BC*	
Wheeled Vehicle	RFC West Gym	8 – 8:50		B*	B*	B*		
Wind Power	SC 008			C		B		
Write It, Do It	SC 106/107				C		B	

General Schedule

Time	Activity	Location
7:30 a.m. – 8:15 a.m.	Registration	CC SE Lobby
7:30 a.m. – 3:30 p.m.	Homerooms	CC Fellowship
7:30 a.m. – 3:30 p.m.	Coaches' Hospitality	CC 108
8:30 a.m. – 8:45 a.m.	Coaches' Meeting	CC 108
9 a.m. – 3 p.m.	Events	CC/RFC/SC/WY
2:10 p.m. – 2:50 p.m.	Coaches' Meeting	CC 108
3 p.m. – 3:30 p.m.	Slide Show of Today's Events	CC Sanctuary
3:30 p.m. – 5 p.m.	Awards Ceremony	CC Sanctuary

Participating Schools & Coaches

Division B Schools

Goshen Junior High
Indian Springs Middle School
Wabash High School

Coaches

Joseph Vance
Brandy Smith
Zach Wenrich

Division C Schools

Columbia City High School
Elkhart High School
Homestead High School
Jimtown High School
Manchester Jr/Sr High School
Marian High School

Coaches

Andrew Weaver, Haley Willson
Elona Yoder
Susan Klein
Danielle Carlson
Andrew Chinworth
Ken Andrzejewski, Ann Rutherford,
Aaron Williams, Allison Miller
Gina Wisler, Amie Betz
Keiko Leonard, Paul Penn
Zach Wenrich

Mishawaka High School
Riley High School
Wabash High School

Emergency numbers

911 or **574-535-7599** for Campus Safety
(If 911 is called, campus safety must be called as well.)

Tournament directors

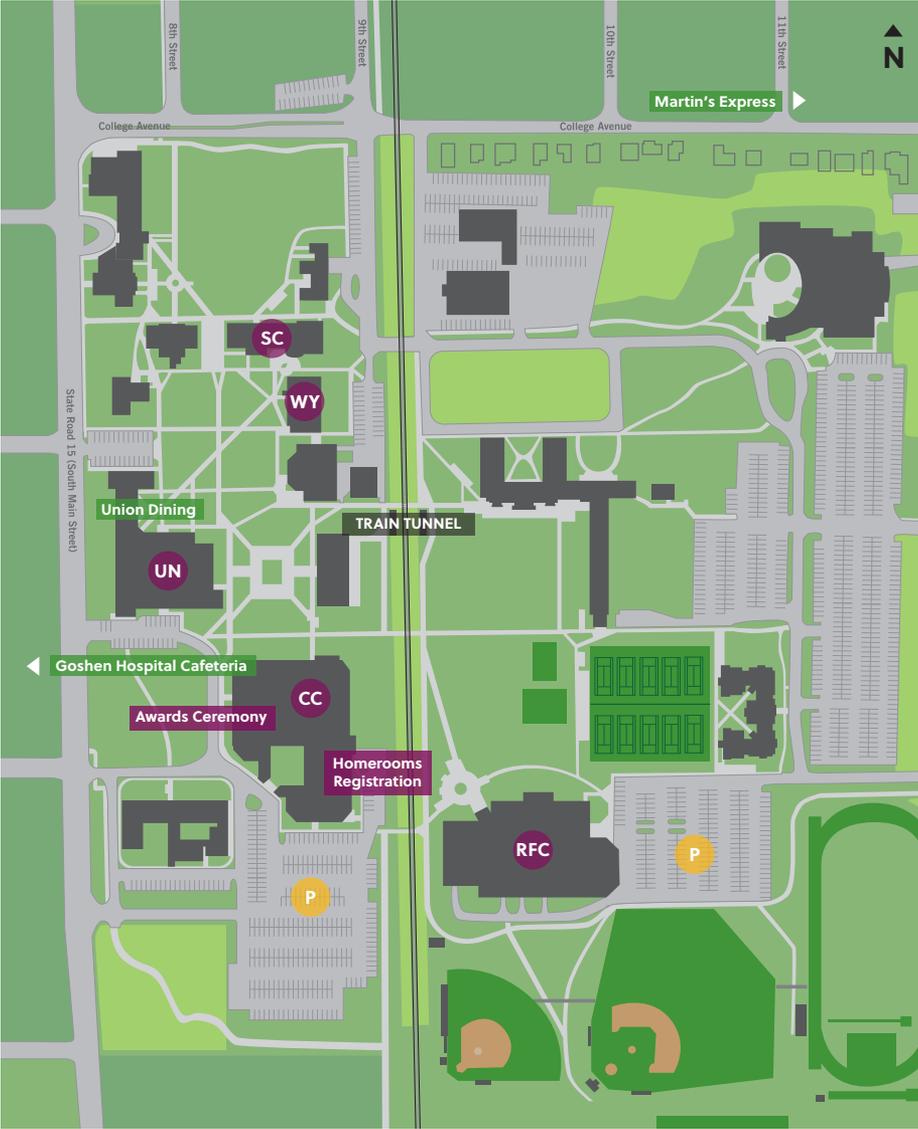
574-535-7405 to reach the Score Room
574-612-7185 to reach David Housman
574-537-8388 to reach Jody Saylor

Wireless

WiFi network: **gc-guest**

Open a web browser on your laptop or mobile device and you will automatically be directed to our wifi terms of use agreement. Accept the terms of use and click **Log in**.

Campus Map



Key

- CC Church-Chapel
- WY Wyse Hall
- RFC Recreation Fitness Center
- P Parking
- SC Science Building
- Food options
- UN Union Building

Food Options

Union Dining (AVI Fresh food service) will be open for a continental breakfast 9 a.m. to noon (\$7.73) and for brunch/lunch noon to 1 p.m. (\$10.14).

Vending machines with snacks and beverages are available in **Wyse (WY)** and **Recreation Fitness Center (RFC)**.

Goshen Hospital (across the street) has a dining area.

Martin's Express (with a **Starbucks Coffee** kiosk) is a half-mile west at 1303 College Ave. More fast food restaurants can be found on Lincolnway/US 33 southeast of campus and on W. Pike St./US 33 northwest of campus.

Scholarship Announcement

Goshen College will award participants in its C-Division Science Olympiad Regional Tournaments a four-year renewable scholarship to attend Goshen College. The scholarship will be **\$500 annually** for participants in one C-Division Goshen College Science Olympiad Regional Tournament and **\$1000 annually** for participants in two or more C-Division Goshen College Science Olympiad Regional Tournaments. This scholarship will be in addition to any other merit-based scholarship the student is awarded. Participation will be determined by the team registration lists submitted the mornings of the competitions.

More about Goshen College

With small class sizes, world class faculty committed to student success, and high placement rates for employment and graduate and medical schools, Goshen College has a strong science program designed to help students connect to their passions. Goshen is committed to academic excellence and offers a values-based education for students who want to lead from a place of service and compassion. We offer majors in almost every field of science, along with minors and track

Majors offered:

- Biology
- Chemistry
- Computer science
- Engineering Physics
- Environmental and marine science
- Exercise science
- Information technology
- Mathematics
- Molecular biology & biochemistry
- Nursing
- Physics
- Psychology
- Sustainability Management
- Sustainability Studies

In addition, there is a minor in agroecology, and tracks in pre-architecture, pre-dentistry, pre-medicine, pre-pharmacy, pre-physical therapy and pre-veterinary studies.

More about Goshen College *(continued)*

Off campus

Goshen College is committed to global engagement and experiential learning through our study abroad programs. Goshen requires every student to participate in some form of off campus study during their time here, either through our Study-Service Term (SST) or at one of our environmental education locations.

Depending on your major of choice, students will have the opportunity to study at our marine biology lab in the Florida Keys, or work on sustainability and environmental education at our Merry Lea Environmental Learning Center. We have even had students study wildlife ecology, fire ecology and conservation biology in the Laikipia Plateau of Kenya, for example.

LEED certification

Rieth Village is an ecological field station for undergraduate programs at Merry Lea Environmental Learning Center of Goshen College. Two cottages provide housing for up to 32 students, and a third cottage serves as the initial classroom and office building. In 2007, Rieth Village was awarded the platinum LEED certification (55 points) from the U.S. Green Building Council, the highest level possible.

Maple Scholars summer research program

Whether it's researching microalgal biomass as an alternative source of biofuel and food, mapping changes in groundwater by using gravity measurements from NASA's GRACE satellite, mathematically characterizing fair methods for allocating resources, testing the stress levels of drunk honeybees, or identifying the genes that create the different color patterns in pigeons, each year Goshen College students spend the summer doing intense study and research during the college's eight-week Maple Scholars program. During the program, each scholar is paired with a faculty member who serves as both colleague and supervisor. Creating a community of scholars, the students all live together and take turns presenting their research and answering questions during Friday colloquiums. At the end is a celebration day when the results of each project are presented to the public.

goshen.edu/academics/maple-scholars

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