Here's how to define when summer arrives

Summer officially arrives Friday, June 21, at 5:19 p.m. Eastern Daylight Time. On this day the sun will be rising at its farthest point north of east, have its highest allitude in the sky, and set at its farthest point north of west for the entire year. The sun appears in different paris of the sky at different itimes of the year. Remember where the sun was rising back in December? It was rising far south of east and setting south of west. The days were short and cold and we had whiter. The difference in the sun's position is not due to any movement on the part of the sun. Instead it's due to the tilt of Earth's axis of rotation.

We orbit around the sun, but our axis is tilted 23.5 degrees. It just happens to be pointing toward a sur named Polaris, the North act of the sunt of 23.5 degrees as well. Six months later the earth is on the opposite side of the sun. The North Fole is still almed toward Polaris. with all monus later the earth is on the opposite side of the sun. The North Pole is still almed toward Po-laris, but now it tilts 23.5 degrees away from the sun. Therefore the sun appears in a different part of the sky.

sun appears in a different part of the say.

The moment when the earth reaches the point in its orbit, where the North Pole is at the greatest tilt toward the sun, is the exact moment of summer. At least it is for the Norther Pole is tilted away from it. We may be enjoying the start of summer, but for people south of the equator the days are short and cold and it's the start of winter.

If it were not for the tilt of Earth there would be no change of seasons. If the earth's axis was straight up

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and down, everyone would have March-type weather year-round. That may not be bad if you live in the tropics, but it's not so great in Michigan.

MARS IS only 14 of a degree from Venus on the evening of the 22nd. Mars could be lost in the glare of brilliant Venus. The two objects are at their clos-est, 0.2 degree spart, on the follow-ing evening. Jupiter is four degrees to the lower right of Mars and Ve-nus. The bright star to the right of the moon, on the evening of the 23rd, is Antares (an TAR ces). Antares is the heart of Scorplus the scorplon.

'beart' of Scorpius the scorpion.

Full Moon occurs at 10-58 p.m. on
June 26. The moon is opposite the
sun, as seen from the earth, and is
fully lighted. In fact, the moon is almost exactly opposite the sun and it
will pass through the penumbra (pen
UM bra), the faint outer shadow, of
the earth. A penumbral eclipse will
occur, but it will be nearly indetectable; the darkening of the moon will
be neafliable;

able; the darkening of the moon win be negligible. Look for the moon, in the east southeast, two hot : a liter sunset on the 28th. The star five degrees below and to the left of the moon is Saturn. On the morning of the 29th, Saturn is four degrees to the upper left of the moon in the south south-west.

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Face west on June 30 and have a look at the alignment of the three planets. It is quite a bit different from what it was on June 1. Venus still dominates the sky, but now it is to the left of red Mars. Jupiter, the second brightest object, is below and to the right of Mars.

second brightest object, is below and to the right of Mars.
Draw a line from Jupiter past Venus. It will bring you to the star Regulus (REG u ius), the "heart" of Leo the lion, located nearly due west. Turn the line around and go from Venus, past Jupiter and extend it (along the same angle) to the horizone.

(along the same angle) to the norrown.
You will be looking right at Mercury but, at only one degree above the west northwest horizon, you won't see it.
An excellent aid for learning constellations and keeping up to date with the sky is the monthly Sky Colendar. A one year subscription is \$6 and is available from Abrams Planetarium, Michigan State University, East Lansing, 48824.

OCC screens would-be chefs Saturday

Saturday, June 22 is the date scheduled for screening applicants who wisk to enroll this fall in the special chef apprenticeship program at Oakland Community Oellege's Orchard Ridge Campus. The screening will start at 8 am. in Room JoS, Tirrell Hall.

305, Tirrell Hall.

Applicants must bring a certified check for §80 made out to the Michigan Chefs de Cuisline Association, a handwritten essay of 150 words on "Why 1 Desire a Career in Cullinary Aria," a high school diploma, a resume, a record of documented work experience and references; and, if applicable, post-high school transcripts.

scripts. Successful applicants must also

Area families sought to host students

Oakland County families are ur-ently needed to host high school stu-

gently needed to host high school stu-dents from Germany, France, Spain and Brazil for the school year begin-ning in September.

The English-speaking students, ages 15-18, will arrive in Michigan in late August and return home in late June of 1992. They are participants in an exchange visitor program of the American Institute for Foreign Study Scholarship Foundation (AIFS).

Additional information can be eb-tained from Lynne Levenbach of Plymouth at 313-453-8562.

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complete the college's ASSET test-ing procedure before being accepted into the program. The \$80 fee is fully refundable if the applicant is not ac-cented.

cepted.
"Oakland Community College is accredited by the American Cull-nary Federation — the only school with this status in the Detroit Metro-politan area," says Revin Enright, chef apprentice coordinator.

IN ADDITION TO 6,000 hours of on-the-job training, says Enright, students enroll in OCC courses that lead to an associate degree in ap-plied science. Completion also leads to recommendation for a certificate

of apprenticeship as a journey man chef.
Jointly sponsored by the U.S. department of Labor, the American Cullinary Federation and the Michigan Chefs de Cuisine Association, the OCC program was awarded the 1990 Kraft Foodservice Award of Excellence, Central Region, by the ACF Educational Institute National Apprenticeship Training Program.
To obtain further information about the OCC chef apprentice program and screening, call Enright at 71.7785.
The Orchard Ridge Campus is located at 27055 Orchard Lake Road, south of 1-696 in Farmington Hills.



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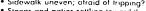
All young men have one responsibility in common. They have to register with Selective Service within 30 days of their 18th birthday. All it takes is five minutes at any post office to fill out a simple form. So if you know a young man about to turn 18, remind him to register. It's one of those things he's got to do.

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