



Environmental Awareness and Regulation Source

Environmental, Health and Safety Newsletter

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Department Head

Welcome to the Stark State College Environmental, Health and Safety Program. Thanks to the efforts of our new coordinator, Willie Scalero, this newsletter will update you on academic and environmental events at your college and the community, in addition to potential jobs in the market. Please let us know how we can help you succeed through your journey at Stark State.

Program Coordinator

After 9 months of on-the-job training, I have a better feel for the challenges that face Stark State College's Environmental, Health and Safety Technology program.

My most important contributions to the EH&S Technology program would be:

- To stay abreast of the emerging trends in the environmental technology field, particularly at the technician level
- To provide further flexibility to the program by offering several on-line courses
- To provide to the environmental workforce EH&S graduates that have strong written and oral communication skills, good basic science skills, basic computer skills and practical hands-on training
- To provide to the environmental workplace EH&S graduates who attend to details and who can quickly apply what they have learned

- To determine the types of certification that business and industry recommend for technician-level occupations
- To provide existing EH&S students all the resources to be successful for graduation
- To provide our EH&S graduates with job opportunities within the local and surrounding communities
- To provide those EH&S graduates who go on to further their education (Bachelor's Degree) with a strong curriculum to support their success at the next level.
- To continue to provide our EH&S students with the highest quality of instruction by employing instructors that have both academic and industry experience.

You, the student's, most important contributions would be:

- To periodically communicate with the EH&S Program Coordinator, the EH&S instructors and the Department Head to assure you're getting quality instruction in a quality curriculum.
- To stay abreast of your classroom work to assure you're giving your best effort to succeed in every EH&S course.
- To seek opportunities for employment in the environmental field prior to graduation by working with Career Services and the EH&S Program Coordinator.

I can conveniently be reached via e-mail (wscalero@starkstate.edu) to visit with you.

Remember: There are many resources offered by Stark State College to support you in your development from student to successful graduate. Take advantage of these opportunities.

Instructors – Spring 04

I want to thank the following EH&S instructors for their dedicated teaching efforts to provide a quality EH&S program to our students this spring 2004.

ENV121– *Regulations & Compliance*: Dominic Nardis (New Instructor from The Timken Co.)

ENV221 - *OSHA 40-Hr Hazwoper & ENV230 - OSHA 8-Hr Refresher*. Team taught by John Pflaum, Jack Lewis, Larry Wiggins, Lance Wilcox, and Jennifer Zylko (8-Hour).

ENV225-*Solid & Hazardous Waste Sampling*: Bill Ullom

ENV226-*Water Sampling, Analysis and Control*: Leslie VanKuren

ENV228-*Health & Safety*: John Pflaum. First 10 weeks taught by new instructor, Giulio Gabriele (New Instructor from Air Braking)

NOTE: We, the Department Head, EH&S staff, and EH&S students, thank you so much for the fine teaching job you did substituting for John Pflaum. As was pointed out, the first semester of teaching a course is the toughest. We were fortunate to have such an able substitute as you.

ENV236 – *Health & Safety Special Projects*: Bill Courser

Instructors – Summer 04

ENV221 - *OSHA 40-Hr Hazwoper*: Team taught with Certified Lead Instructor, Willie Scalero.

Scheduled Team Includes:

John Pflaum

Jack Lewis

Larry Wiggins

Lance Wilcox

Jennifer Zylko

ENV230-*OSHA 8-Hr Refresher*: Jennifer Zylko

Career Information [EH&S Technology Home Page](#)

Bachelor of Science Completion Programs (Articulation Agreements with 4-year colleges): Stark State College has articulation

agreements with two 4-year colleges. That means that students with an A.A.S degree in EH&S Technology can pursue their bachelor of science (B.S.) at those schools with minimal, if any, bridge work.

- **University of Akron** – B.S. in Emergency Mgmt. The University of Akron offers a B.S. completion program in Emergency Management through their Public Health Division in the Community and Technical College. [For more information, visit their website](#)
- **University of Findlay** – B.S. in Environmental Mgmt. The University of Findlay offers a B.S. completion program in Environmental Mgmt. Most of their courses can be taken on-line. [For more information, visit their website](#)
- **Youngstown State University** – B.S. in Environmental Studies. [For more information, visit their website.](#)

What Does an Environmental Technician Do?

The Environmental Technician conducts field investigations, collects samples, and performs laboratory tests to obtain data. The technician analyzes and interprets data, and communicates the results in written and oral forms for use by environmental, engineering and scientific personnel in determining sources and methods of controlling pollutants in the environment.

What Does a Safety and Health Technician Do? - The Safety and Health Technician recognizes, evaluates, and controls workplace hazards through employee education and engineering practices to ensure a safe and healthy work environment.

Emerging Trends at the Environmental Technology Level

- Pollution Prevention and waste minimization
- Non-point source pollution control
- Movement away from regulations towards best business/management practices

- International standards such as ISO 14000/14001 environmental mgmt standards
- Treatment standards
- Innovative treatment technology
- Use of computerized mapping
- In-field sample analysis
- Watershed analysis
- Permitting

Students

Graduating Class of May 2004 – Congratulations are in order to the following students who will earn their A.A.S. Degrees in EH&S in May.

Paige Gardner
Shawn Haynes
Tiffany Heller
Matthew Helmuth
Sheldon Lohr
Tonya Wigal

We at Stark State College are very proud of you and wish you the best in your future.

2nd ANNUAL GRAD FAIR

The Grad Fair is a two-day event to celebrate the hard work and achievements of the May 2004 graduates.

- When: Tuesday and Wednesday, April 27 and April 28, 2004
- Where: Student Center Cafeteria
- Time: 10:00 a.m. – 6:00 p.m.

Activities for graduates:

- Pick up cap and gown
- Buy personalized graduation announcements
- Visit with representatives from area colleges and universities to discuss further education goals
- Learn about services of Career Services Office
- Prize drawings for graduates
- Refreshments will be served
- Plus more

All students, faculty, staff, and alumni are welcome to attend.

Undeclared Students – If you are still undecided about a major, there is important career information in Environmental, Health and Safety Technology available under <http://www.starkstate.edu/div42022.htm> if you would like to pursue a challenging and rewarding career in EH&S Technology. If you would like to discuss an A.A.S. degree in EH&S and a B.S. degree after Stark State College, just e-mail me at wscalero@starkstate.edu to chat further about this long-standing and emerging field.

EH&S Major - Enrollment

- Number of students enrolled
 - Total student headcount: 32
 - ♣ New students: 3
 - ♣ Returning freshmen: 10
 - ♣ Total freshmen: 13
 - ♣ Sophomores: 19
 - Total day students: 23
 - ♣ Day students full-time: 14
 - ♣ Day students part-time: 9
 - ♣ Day students new: 3
 - ♣ Day students returning freshmen: 6
 - ♣ Day total freshmen: 9
 - ♣ Day student sophs: 14
 - Total evening students: 9
 - ♣ Evening students new: 0
 - ♣ Evening students returning freshmen: 4
 - ♣ Evening total freshmen: 4
 - ♣ Evening students sophs: 5
- Number of students graduating
 - Since inception: 40
 - This semester: 6
- Number of students per class (Spring 2004)
 - ENV121: 9
 - ENV225: 9
 - ENV226: 9
 - ENV228: 11
 - ENV221 & ENV230: 10
 - ENV236: 9

Curriculum

Requested Change to Computer Applications for Technical Professionals (ECA122) – As a result of the insight of one of our soon to graduate students, Shawn Haynes, EH&S Technology will request that the required ECA122 for computer applications be expanded to include training use in the Microsoft software program *Access*. *Access* is a software requirement being used in ENV236

(Environmental Health & Safety Special Projects) but no training is given on this software in ECA122.

Potential New Courses - The EH&S Program Coordinator and Department Head are looking into expanding the EH&S course selection to include the following:

- Kirkwood Community College's On-Line Agreement with Stark State College
 - Wastewater Analysis
 - Wastewater Collection Systems
 - Wastewater Treatment I
 - Wastewater Treatment: Industrial
- Environmental Recordkeeping & Reporting
- Wastewater/pre-treatment for operator certification from OEPA
- Laboratory Safety for Science Teachers (2-3 day course for summer semester)

Potential New Environmental Engineering Technology – A.A.S. Degree – The EH&S Program Coordinator and Department Head are discussing the possibility of meeting the criteria for accrediting programs under ABET in Environmental Engineering Technology. This program is proposed under the existing Civil Engineering Technology. Stay tuned for developments.

Activities

EnviroFest 2004 – Our fifth EnviroFest on March 23, 2004 was a success, thanks to the following EH&S student volunteers:

- Bob Blankenship
- Heather Bennett
- Jamie Cutcher
- Paige Gardner
- Tiffany Heller
- Matthew Helmuth
- Kathy Kiplinger
- Diana Mitev
- James Steigerwald
- Tonya Wigal

News

Associate Degrees Outpace Bachelor's Degrees - An annual report for 2003 released by the Department of Education found that the number of associate degrees awarded increased

at a faster rate than the number of bachelor's degrees awarded in the 1990s.

Employers/Job Titles of Stark State Graduates
Advanced Analytics Labs/Lab Technician
Aircraft Braking Systems/Environmental Engineering Assistant
American Environmental Group/Operations Maintenance
BJAAM Environmental, Inc./Field Technician
City of Canton/ Lab Technician
Clayton Group Services/Environmental Technician
IT Corporation/Landfill Gas Technician
JR Wheel/Safety Manager
Marathon Ashland Petroleum/EH&S Technician
PEL Technologies/Lab Technician
Roadway Express/No job title given
Scanacon/Lab Technician/Research
Strasburg Wastewater/Operator
Summit Environmental/Lab Technician
SunPro/Environmental Technician
The IT Group/Environmental Data Manager

Student Organizations

Environmental Club – Thanks to the interest of the students below, the EH&S Program Coordinator has gathered an information packet from the Student Activities Office to request activation of an Environmental Club. He will also act as the Environmental Club's advisor. Our purpose is to promote environmental education, awareness, and appreciation, and to implement, educate, and assist in any programs of recycling, reducing, and reusing on the Stark State College campus and within the local community.

- Martina Mooney
- Nikole Wright
- Malinda Bardash
- Bob Blankenship
- Kevin Straubhaar
- Matthew Helmuth
- Tom Henderhan
- Jim Steigerwald
- Kathy Kiplinger
- Tonya Wigal
- Shawn Haynes
- Diana Mitev
- Tiffany Heller
- Jamie Cutcher

If you interested in joining the Environmental Club at Stark State College, please email me at wscalero@starkstate.edu.

Student Chapter of OWEA – We have also been invited to start a student chapter of the Ohio Water Environment Association (OWEA). Information on becoming a student chapter is being gathered for review by the Student Activities Office to determine criteria involved and fees, if any. Go to the following link for benefits of joining a student chapter of OWEA. <http://www.wef.org/memberassoc/mbrassocprog/benefitsofjoining.pdf>

Professional Organizations

National Registry of Environmental Professionals www.nrep.org

Ohio Water Environment Association

www.ohiowater.org/owea

Institute of Hazardous Materials Management

www.ihmm.org

Environmental Organizations

www.webdirectory.com

EnviroLink

www.envirolink.org

Useful EH&S Websites

National Safety Council www.nsc.org

Occupational Health and Safety www.osh.net

National Environmental Health Association

www.neha.org

Hazardous Materials Training and Research

Institute www.hmtri.org

Community & College Consortium for Health & Safety Training www.hmtri.org/ccchst_index

U.S. Environmental Laws

www.hmtri.org/ccchst/links/laws

Contact Us

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