



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, Bob Collins, 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

Bob Collins started work with Stark State College of Technology on November 14, 2005. He will be the new Environmental, Health and Safety (EH&S) coordinator replacing Willie Scalero. Willie will be reducing his hours to focus on teaching classes at Stark State as well as working full-time for Sunpro Services in Canton.

Bob is a graduate chemical engineer from The Ohio State University. He is currently enrolled in a Master's program in Occupational Safety and Health with a concentration in Environmental Management. He has also completed post-graduate studies in Computer Science and Pharmacology / Toxicology.

Bob is currently licensed in Ohio as a professional engineer and in all states as a Certified Safety Professional, Certified Industrial Hygienist, Certified Indoor Environmentalist and Certified Mold Remediator. His practical experience includes approximately 18 years of manufacturing experience with Borden, Inc.; USS Chemicals (now known as Aristech Corporation) and Franklin International. For most of the last 10 years of his career, Bob has been a consultant working with national and regional consulting firms.

His experience has exposed him to a wide range of EH&S projects. He was project leader in one of the first ground water monitoring programs and Part B permits. He has completed a number of Spill Prevention, Control and Countermeasure (SPCC) Plans, Storm Water Pollution Prevention Plans (SWPPP). Facility Response Plans and Industrial Pre-treatment Plans. He completed one of the first Title V air permits submitted in Ohio. His health and safety program experience is even more extensive.

As a consultant for most of the last 10 years, Bob has been called on to market his firm's services. One of the main duties of the EH&S Coordinator is to grow the EH&S program by promoting enrollment to potential students. In this role, he will be speaking with high school students and others looking to transition from their present profession into an EH&S profession. His marketing training and experience will be invaluable in growing the program.

Bob's other duties will include:

- Advising EH&S students for scheduling purposes;
- Serving as advisor for the Environmental Club;
- Serving on the Environmental Advisory Committee;
- Serving as a conduit between potential employers and the College Placement Office;
- Serving as Chairperson for the EnviroFest / EnviroFun Planning Committees; and
- Any other duties necessary to ensure the orderly functioning of the EH&S program at Stark State.

He can conveniently be reached via e-mail (rcollins@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.

Environmental Club

Hey EHS students. Did you know that you are a member of an exciting club because of your major? It's the environmental club. The environmental club is a way to exercise our love for the environment through different activities. This semester we have had hikes at different community parks and we held our new officer elections. The officers are as follows:

President - [Katie Grant](#);
Vice President - [Jonathan Kampfer](#) and
Treasurer - [Claus Siebenhaar](#).

We are in need of a secretary. If you are interested, please contact any of the officers.

Next semester along with numerous hikes we will be facilitating the recycling program at Stark State. We are still in need of volunteers to go around and collect the bins and with awareness. If you would like to volunteer please contact [Mr. Collins](#). We are planning to have some alumni come back and talk about their post grad experiences. More information will be emailed to you as things are finalized. We are also looking at planning a field trip to either Marathon or the Titanium plant. Finally, we are always looking for suggestions to make our club better please feel free to email me with your comments at kgrant0422@starkstate.net.

Katie Grant
Environmental Club President

Recycling Begins

Many of you may have noticed blue recycling bins popping up all over campus. This is not the work of the recycling bunnies but the result of tireless efforts of the College Staff Association supported by Linda Spurlock, Willie Scalero and Janet Miller among others. Some of the revenue generated by this program will be funneled back to support clubs in the EH&S and Science departments.

Environmental Club members are needed to support this effort by periodically collecting recyclables from bins all around campus and transferring them to the designated bins located

at the northwest corner of Building G. Contact Bob Collins at Ext. 4014 or rcollins@starkstate.edu to volunteer.

STL Scholarships

Severn Trent Laboratories of North Canton is offering two (2) \$200 scholarships for Spring 2006 to EH&S students with 30 or more credit hours. Interested students should check out the Stark State website at http://www.starkstate.edu/academics/engineering/enviro/enviro_scholar.htm.

Instructors – Spring 06

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 (from The Timken Co.)

ENV221 - *OSHA 40-Hr Hazwoper & ENV230 - OSHA 8-Hr Refresher*. Team taught by Willie Scalero and Jennifer Zylko (8-Hour).

ENV225-*Solid & Hazardous Waste Sampling*: Bill Ullom (from Vadose Environmental Consultants).

ENV226-*Water Sampling, Analysis and Control*: Bob Collins (New Instructor and EH&S Coordinator)

ENV228-*Health & Safety*: Team taught by John Pflaum and Giulio Gabriele (from Air Braking Systems Corporation)

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

Instructors – Summer 06

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

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

Instructors – Fall 06

ENV221 - *OSHA 40-Hr Hazwoper & ENV230 - OSHA 8-Hr Refresher*. Team taught by Willie Scalero and Jennifer Zylko (8-Hour).

ENV222 – *Industrial Processes and Pollution Control*: Bill Courser.

ENV223 – *Basic Geology / Hydrology*: Bill Ullom (from Vadose Environmental Consultants).

ENV224 – *Air Sampling, Analysis and Control*: Bob Zahirsky (from Canton City Health Department).

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.](#)

We are currently in discussions that may lead to a new Articulation Agreement with the Rochester Institute of Technology (RIT) in Rochester, New York.

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

- Indoor Air Quality and Microbial Support Services
- Ergonomics
- Nanotechnology and Ultrafine Particles
- 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

Activities

EnviroFest 2006 – Our sixth EnviroFest will take place on March 23, 2006. The agenda should be firmed up and informational packets mailed to interested parties by mid January. EH&S students will be needed to man our exhibit space and help in other ways. Students who wish to contribute should contact Bob Collins at Ext. 4014 or rcollins@starkstate.edu.

News

According to the December 5th issue of Community College Week, Stark State College of Technology (SSCT) is the 11th fastest growing 2-year College in the nation (at 10.6%) in the group of schools having between 5,000 and 9,999 students. This is at least SSCT's second straight year near the top of this list.

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

Students

Graduating Class – There were no students scheduled to graduate after Fall Semester (2005). At present, there are four (4) planning to graduate in May 2006 (at the end of Spring Semester). Only one semester lies between now and the realization of their dreams. More on them in the next issue.

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 rcollins@starkstate.edu to chat further about this long-standing and emerging field.

EH&S Major - Enrollment

- Number of students enrolled: 45
- Number of first year students 26
- Number of second year students 11
- Number of students not pursuing a degree 8

Number of students per class (Spring 2006)

- ENV121: 7
- ENV225: 8
- ENV226: 6
- ENV228: 7
- ENV221 & ENV230: 9
- ENV236: 4

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

- Don Ball, Department Head, dball@starkstate.edu
- Bob Collins, EH&S Program Coordinator, rcollins@starkstate.edu