

# Educational Opportunities



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The University of Delaware's Division of Professional and Continuing Studies provides educational opportunities for anyone seeking to begin or complete their college career, to enhance their professional skills or to enrich their personal lives. Professional and Continuing Studies also provides customized training and educational services to area businesses, organizations and professional associations.

As the adult and nontraditional learners' portal to UD, Professional and Continuing Studies impacts more than 15,000 students each year through UD credit courses and degree offerings, professional development courses, certificate programs, specialized conferences, workshops and lifelong learning member cooperatives throughout the state.


Through Professional and Continuing Studies, the University of Delaware extends its vast resources, research, technology and knowledge to you, the community, the region and the world. Professional and Continuing Studies provides:

- Career and academic advisement
- Credit courses and degree completion
- Customized training and executive education
- Lifelong learning opportunities
- Professional development programs and courses
- Online learning opportunities through UD Online

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POSTMASTER: Send address changes to Division of Professional and Continuing Studies, University of Delaware, Newark, Delaware 19716.

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CEP 6042 Rev. 11/16



## Career and academic advisement

The Professional and Continuing Studies ACCESS Center provides free continuing education advisement to anyone interested in career exploration or educational planning. Advisors can help you get started if you're contemplating a college degree (whether for the first time or as a returning adult student), if your career is in transition and you need to upgrade your skills, or if you just want to find out more about educational opportunities at UD.

ACCESS services and resources include:

- Educational planning to help fulfill your career and personal goals
- Advisement and assistance with choosing a University of Delaware course or program
- Help with the admission or readmission process
- Career exploration assistance
- Exploration of and assistance with funding and scholarship sources
- Coordination of support services for students with disabilities

**Explore your options! Contact us for an appointment. In-person and phone appointments available.**

UD Professional & Continuing Studies ACCESS Center  
850 Library Avenue, Suite 200, Newark, Del. 19711

Phone: 302-831-8843 or 1-866-820-0238 • Fax: 302-831-2789  
access-advise@udel.edu • pcs.udel.edu/access

Office hours: Mon., Tues., Fri. 8:00 a.m.–5:00 p.m.;  
Wed., Thurs. 8:00 a.m.–8:00 p.m.

## Credit courses and degree completion

As a continuing education student, the University of Delaware is open to you whether you are a high school student seeking the challenge of early college coursework, a returning adult student seeking to start or complete a college degree, or someone interested in taking classes for personal and professional enrichment.

You can take classes in the daytime or evening (in person or online), and you don't have to be officially admitted to the University of Delaware to get started. As long as you have the prerequisites, many University courses are open to continuing education students on a space-available basis.

A wide variety of courses are offered in the evening and online. Here's a small sample:

### *Online classes*

- Startup of the Professional You (ENTR 155)
- Nutrition Concepts (NTDT 200)
- Human Heredity and Development (BISC 105)
- Communication and Interpersonal Communication (COMM 330)

### *Evening classes*

- Introduction to Sculpture (ART 250-010)
- Film and American Society (HIST 221-010)
- Forensic Pathology (MEDT 230-010)
- Theatre and Drama (THEA 104-010)

**Spring classes begin February 6, 2017.**

**Ready to search for a course? Visit [udel.edu/courses](http://udel.edu/courses).**

**Ready to register? Visit [pcs.udel.edu/reg/credit](http://pcs.udel.edu/reg/credit).**

### **Over-60 tuition-free programs for matriculated Delaware residents**

If you are 60 years old or older and a Delaware resident, you may pursue a University of Delaware degree without paying tuition. You must apply and be accepted (matriculated) to qualify. Visit [pcs.udel.edu/credit/over60](http://pcs.udel.edu/credit/over60).

**Need more information? Contact the Professional and Continuing Studies ACCESS Center at [access-advise@udel.edu](mailto:access-advise@udel.edu) or 302-831-8843.**

## Customized training and executive education

The University of Delaware provides customized programs designed to help your business or organization achieve its training and employee development goals. Professional coaching, executive education and customized training programs are tailored to your organization's needs and can be delivered online, on site or on campus.

### **Customized training**

We design, build and deliver customized training and executive education programs that meet the specific needs of your organization. We utilize the advanced expertise and experience of University of Delaware faculty to provide exceptional learning opportunities to your staff.

### Comprehensive instructional design and course delivery solutions

Our strong knowledge of instructional design techniques, technology applications, and adult learning styles enables our educators to produce and deliver classroom-based and online programs tailored to your needs.

### Professional and executive coaching

We help organizations develop employee strengths, address challenges, improve productivity and increase job satisfaction. We can design new or enhance existing internal coaching programs and develop current and future executives.

### Benefits to your organization

Outsourcing your organization's education program development and delivery tasks to UD enables your employees to focus their efforts on core business tasks that affect your bottom line. Other benefits include:

- Strengthening your workforce through proven leadership programs
- Streamlining work processes with project management and Lean Six Sigma programs
- Improving relationships through diversity, teamwork and communications programs

## Lifelong learning opportunities

The University of Delaware hosts Osher Lifelong Learning Institute (OLLI) programs in Dover, Lewes, Ocean View and Wilmington for adults 50 and over to enjoy classes, teach, exchange ideas and travel together. These volunteer-based academic cooperatives offer more than 800 courses each year, with no grades or exams and no educational prerequisites.

See page 24 for details.



## Professional development programs and courses

Professional and Continuing Studies offers a variety of ways for you to build your credentials and move ahead in your career. Certificate programs, seminars, conferences and short courses provide you with practical knowledge and skills as well as resume-building credentials. Our faculty and adjunct instructors combine strong academic backgrounds with extensive real-world experience.

Programs include:

**Business**—Data Analytics, Business Analysis, Lean Six Sigma Green Belt, Project Management, Social Media Marketing

**Engineering and science**—Management Essentials for Engineers and Scientists

**Health care**—Telehealth Coordinator, Clinical Trials Management, Cultural Competence for Health Care, RN Refresher, Personal Fitness Training, Substance Abuse Prevention

**Law**—Paralegal Certificate

**Safety**—COSS (Certified Occupational Safety Specialist)

**Test preparation**—ACT, GRE, LSAT, SAT, PMP, CAPM

See pages 3–19 for complete program listings.

## Online learning opportunities through UD Online

More than 200 University of Delaware credit courses—as well as 20 degree programs, certificate programs or professional development programs—are offered online, with more being developed every year. Ranging from an online Associate in Arts to an online MBA or Master of Science in Cybersecurity, online programs from the University of Delaware are ideal solutions for students and professionals seeking to advance their education while accommodating their busy schedules.

See pages 20–23 for program listings.

# Business programs

## BUSINESS PROGRAMS INFORMATION SESSION

January 12, 2017

5:45-8 p.m.

Arsht Hall, 2700 Pennsylvania Ave.  
Wilmington, Del.

### **Analytics: Optimizing Big Data Certificate**

### **Business Analysis Certificate**

### **Lean Six Sigma Green Belt Certificate**

### **Project Management Certificate**

### **PMP/CAPM Exam Prep Courses**

### **Social Media Marketing Strategy Certificate**

The information session is free, but  
RSVPs are requested. Please RSVP at  
[pcs.udel.edu/certificate/info](http://pcs.udel.edu/certificate/info).

## CERTIFICATE PROGRAM | IN-CLASS

### **Analytics: Optimizing Big Data Certificate**

#### **Use data-supported solutions for improving business performance**

In today's business world, data is easier than ever to collect and store. But it's the analysis of the volume, velocity and variety of big data that provides managers with knowledge that can be translated into effective decision-making and improved business performance. This certificate program brings together statistics, analysis and both written and oral communication skills through an applied approach, providing participants with the tools to join the rapidly growing data analytics field.

#### **WHO SHOULD PARTICIPATE?**

- Business, marketing and operations managers
- Data analysts or professionals in any field who deal with large amounts of data
- Financial industry professionals

**SCHEDULE:** Thursdays, February 2–May 11, 2017,  
6–9:15 p.m.

**LOCATION:** Arsht Hall, 2700 Pennsylvania Ave.,  
Wilmington, Del.

**PRICE:** \$2,845, course materials included.  
Discounts and financial assistance options  
available.

[pcs.udel.edu/data](http://pcs.udel.edu/data)

## CERTIFICATE PROGRAM | IN-CLASS

### **Business Analysis Certificate**

#### **Bridging the business/IT divide**

A business analyst bridges the “understanding gap” between an organization and its technology, functioning as a type of translator who converts business needs into measurable IT requirements and solutions. This certificate

is designed to provide the skills needed to effectively design business solutions and communicate those solutions within an organization. This includes effectively writing and reviewing detailed functional specifications, as well as developing and testing systems based on those requirements.

#### **WHO SHOULD PARTICIPATE?**

- Business analysis managers
- IT, development, project or operations managers
- Business, technical or systems analysts
- Requirements engineers

**SCHEDULE:** Thursdays, February 9–  
May 11, 2017, 6–9:15 p.m.

**LOCATION:** Arsht Hall, 2700 Pennsylvania Ave.,  
Wilmington, Del.

**PRICE:** \$2,545, course materials included.  
Discounts and financial assistance options  
available.



The University of Delaware is an IIBA® Endorsed Education Provider (EEP™). This program meets the education requirement for the Certified Business Analysis Professional™ (CBAP®) designation. It is offered in collaboration with CAI and is approved for 42 Professional Development hours for initial certification and 42 Continuing Development Units (CDUs) for recertification.

[pcs.udel.edu/analyst](http://pcs.udel.edu/analyst)

## CERTIFICATE PROGRAM | HYBRID-ONLINE

### **Business Essentials Certificate**

Undergraduate credit certificate program focused on business essentials for non-business professionals. See page 20.

## COURSE

## Certified Associate in Project Management (CAPM)<sup>®</sup> Examination Prep Class

**Break into the project management field with the CAPM<sup>®</sup> certification today!**

An intensive two-day class preparing participants for the Project Management Institute (PMI)<sup>®</sup> Certified Associate in Project Management (CAPM)<sup>®</sup> examination. Focus is on the knowledge areas documented in the PMI<sup>®</sup> *Project Management Body of Knowledge (PMBOK<sup>®</sup> Guide)*.

### WHO SHOULD PARTICIPATE?

Recommended for students who have completed UD's Project Management Certificate, or a project management foundation course elsewhere. This class does not provide the 23 hours of project management education required to sit for the CAPM exam. If you have limited experience with project management, or need to complete the required project management education in order to sit for the CAPM exam, please complete the Project Management Certificate program first.

**SCHEDULE:** Saturdays, February 25 and March 4, 2017, 8:30 a.m.–4:30 p.m.

**LOCATION:** Newark, Del.

**PRICE:** \$995, textbooks included. \$795 for UD Project Management Certificate graduates.

[pcs.udel.edu/project/exam-prep](http://pcs.udel.edu/project/exam-prep)

## CERTIFICATE PROGRAM | HYBRID-ONLINE

## Lean Six Sigma Green Belt Certificate

**Be the problem solver for your organization**

All business processes must be under continuous scrutiny to keep them competitive, and an organization needs a highly-skilled team of process improvement professionals to keep their processes at peak performance levels. This means very low defect rates, the lowest possible cost of production or service delivery, highly predictable performance on an everyday basis and the ability to deliver exactly what customers want. Mastering Six Sigma techniques can be the key to an organization's success at achieving these goals. This program presents both the problem-solving form of Six Sigma (the Define, Measure, Analyze, Improve and Control or DMAIC model) and Lean methodology to give students a comprehensive set of skills and tools.

### WHO SHOULD PARTICIPATE?

- Anyone who wants to continuously improve work processes
- Project and quality managers
- Statistical analysts
- Project managers
- Business analysts

### SCHEDULE:

This program meets for one all-day Saturday session followed by virtual class meetings and in-person class meetings all held on Thursday evenings.

Saturday, February 18, 2017, 9 a.m.–4 p.m.

Thursdays, February 23–May 18, 2017

Thursdays, April 13, May 4, May 11 and

May 18, 2017, 6–9:15 p.m. (in-person classroom sessions)

**LOCATION:** In-class sessions take place in Newark, Del.

**PRICE:** \$2,545, textbooks included. Discounts and financial assistance options available.

[pcs.udel.edu/sixsigma](http://pcs.udel.edu/sixsigma)

## DEGREE | ONLINE

## Master of Business Administration

Online MBA can be completed in as few as 16 months. See page 21.

## DEGREE | ONLINE

## Master of Public Administration

Interdisciplinary graduate degree focused on effective management in government, nonprofit and private sectors. See page 22.

## CERTIFICATE PROGRAM | IN-CLASS

## Project Management Certificate

**Practical, use-it-next-day skills to manage any project, large or small**

Successful companies and organizations in every sector use project management to achieve breakthrough results. The powerful and versatile tools of project management are transferable to any work environment, and can be used to manage any project. You will earn 42 PDUs upon successful completion of this certificate program.

### WHO SHOULD PARTICIPATE?

- Newly promoted or aspiring project managers
- Experienced project leaders interested in achieving the next level of management skills
- Project managers seeking an entry into the Project Management Institute's PMP certification process

### SCHEDULE:

This program is offered at three locations:

*Newark:* Wednesdays, February 15–May 17, 2017

*Wilmington:* Wednesdays, February 8–May 10, 2017

*Dover:* Mondays, February 13–May 15, 2107

**PRICE:** \$2,545, textbooks included. Discounts and financial assistance options available.

(Continued on page 6.)

**Mark S. Okonowicz, MBA, PMP®  
Project Management Certificate,  
PMP® Exam Prep**

"I pursued the Project Management Institute's PMP® credential (Project Management Professional) to obtain further knowledge in the principles and concepts of project management. Since I have been a project manager for several years, the PMP credential formally recognizes that I have the skills and expertise to manage project teams."

"The certificate program and exam prep course at UD exceeded my expectations and more than sufficiently provided a foundation of knowledge in project management concepts and principles. The PMP Prep class was extremely effective in consolidating key information and providing a guideline for studying for the PMP exam. Also, the preparation materials included the key information and terminology of the PMBOK®, exercises and practice exams."

"As a project manager for a large energy delivery company in our region, I enjoy working with project teams and seeing the tangible benefits of electric infrastructure improvements to our customers."

*Mark S. Okonowicz is a senior project manager at Pepco Holdings. He is a graduate of UD's Project Management Certificate and PMP® Exam Prep Workshop, as well as a University of Delaware MBA and environmental science alumnus.*





*This certificate is a great starting place for attaining the Project Management*

*Institute's (PMI)® Project Management Professional (PMP)® designation. This program meets the education requirement for the Project Management Institute (PMI)® credential. The University of Delaware is a Registered Education Provider with the Project Management Institute (PMI)®. The PMI Registered Education Provider logo is a registered mark of the Project Management Institute, Inc.*

[pcs.udel.edu/project](http://pcs.udel.edu/project)

## COURSE

### Project Management Professional® Examination Prep Class

**Ready to take the next step and become a Project Management Professional (PMP)®?**

An intensive two-day class concentrating on preparation for the PMI® Project Management Professional (PMP)® examination. Focus is on the knowledge areas documented in the *PMI® Project Management Body of Knowledge (PMBOK Guide)®*.

#### WHO SHOULD PARTICIPATE?

The class is for experienced project managers or those who have completed a project management fundamentals class.

**SCHEDULE:** Saturdays, January 28 and February 4, 2017, 8:30 a.m.–4:30 p.m.

**LOCATION:** Newark, Del.

**PRICE:** \$1,025, textbooks included. (\$795 for UD Project Management Certificate graduates).

[pcs.udel.edu/project/exam-prep](http://pcs.udel.edu/project/exam-prep)

## CERTIFICATE PROGRAM

### Social Media Marketing Strategy Certificate

**Harness the power of social media for your business or organization**

Many businesses and organizations are already using social media and mobile applications to promote their products and programs, but are they using them to their full potential? Organizations need to know how to use social media effectively to improve their brand and to create a market presence. Participants in this program work with a real client while learning how to establish an organizational brand in the social media and mobile environments and how to create an integrated mobile and social media strategy. Students must have access to a computer with an internet connection.

#### WHO SHOULD PARTICIPATE?

- Human resources professionals
- Marketing or sales professionals on all levels
- Mid-level managers at small- to mid-sized companies
- Small business owners
- Social media consultants
- Web developers

**SCHEDULE:** Tuesdays, February 14–May 23, 2017, 6–9:15 p.m. (three classes are virtual online sessions)

**LOCATION:** Three classes held virtually; in-class sessions take place in Newark, Del.

**PRICE:** \$2,295, classroom materials included. Discounts and financial assistance options available.

[pcs.udel.edu/socialmedia](http://pcs.udel.edu/socialmedia)

## CERTIFICATE PROGRAM | ONLINE

### Socially Responsible and Sustainable Apparel Business Certificate

Short online, self-paced certificate program addressing labor and environmental problems in the global supply chains for the apparel, textile and footwear industries. See page 21.





# Education programs

DEGREE | HYBRID-ONLINE

## Master of Arts in Economics and Entrepreneurship for Educators

Hybrid/online graduate program preparing educators teaching economic, entrepreneurial and financial literacy. See page 21.

DEGREE | ONLINE

## Master of Education in Teacher Leadership

Online graduate degree program focused on equipping teachers to be leaders in the classrooms and in their schools. See page 21.



*Jackie Wilson (standing) is director of UD's Center for Educational Leadership, Teaching and Learning.*

### UD combines educator development centers to expand services

The University of Delaware recently created the Center for Educational Leadership, Teaching and Learning (CELTL), uniting professionals from the Delaware Academy of School Leadership (DASL), UD's Professional Development Center for Educators (PDCE) and the Southern Delaware Professional Development Center (SDPDC).

With this merger, the Center for Educational Leadership, Teaching and Learning now has a unified mission to facilitate ongoing professional learning opportunities for educators that maximize student growth through the use of research-based practices.

"Our vision for CELTL is to become an eminent professional learning organization for educators in Delaware, the region and across the nation," said Carol Vukelich, dean of UD's College of Education and Human Development.

"These three centers have served the Delaware K-12 education community for more than a decade. Merging into one cohesive unit allows us to more effectively leverage our collective expertise to support our colleagues in K-12 schools," said Jackie Wilson, director of CELTL.

"This merger benefits our school partners across the state of Delaware," said Tracy Hudson, associate, who served as the coordinator for SDPDC. "We are no longer divided by artificial boundaries of 'upstate' and 'downstate'; now we can work as a unified team to serve all schools in the state."

Resources and services include:

- Professional support to classroom teachers in core content areas
- Partnerships with teachers to solve problems of practice
- Grant-funded professional learning opportunities
- Research-based professional learning programs in specific disciplines
- Leadership coaching and professional development opportunities for school leaders

Wilson plans to expand CELTL's reach regionally and nationally. Educators interested in partnering with CELTL or who are looking for more information about CELTL's services should contact Emily Poag at [emilyp@udel.edu](mailto:emilyp@udel.edu) or 302-831-1279.

# Engineering and science programs

CERTIFICATE PROGRAM | ONLINE

## Composite Materials Certificate

Online graduate certificate for engineers wishing to expand their knowledge of composite materials. See page 21.

COURSE | IN-CLASS

## Management Essentials for Engineers and Scientists

**For current or prospective technical leaders wishing to improve their business acumen and management effectiveness**

This intensive workshop is designed to provide a business and management toolbox for engineers and scientists. Topics include management and leadership, business and finance, project management and product development. The program is structured as a four-day boot camp. The course focuses on case studies and projects relevant for engineers and scientists, with emphasis on practical, immediately applicable skills and techniques.

### WHO SHOULD PARTICIPATE?

- Managers of engineers and scientists looking to hone their business and leadership skills
- Engineers and scientists on a career path to develop into technical managers
- Cross-functional team leaders who interface with scientists and engineers

**SCHEDULE:** April 2017 (Monday–Thursday, 8:30 a.m.–4:30 p.m.)

**LOCATION:** UD Professional Engineering Outreach Classroom, 111 S. Main St., Newark, Del.

*This course can be customized and taught on-site at your location to meet your organization's management training needs. Contact Donna Molinda, [dmolinda@udel.edu](mailto:dmolinda@udel.edu).*

*This program is co-sponsored by the University of Delaware's College of Engineering and the Division of Professional and Continuing Studies.*

[pcs.udel.edu/engineering-management](http://pcs.udel.edu/engineering-management)

DEGREE | ONLINE

## Master of Science in Cybersecurity

Online graduate degree combining research and theory with application to address today's cybersecurity issues. See page 22.

DEGREE | ONLINE

## Master of Science in Electrical and Computer Engineering

Online graduate degree aimed at engineers with prior degrees in electrical, computer or mechanical engineering, or in computer science or mathematics. See page 22.

CERTIFICATE PROGRAM | ONLINE

## Railroad Engineering Certificate

Online graduate certificate program aimed at engineering professionals wishing to expand their knowledge of railroad engineering for advancement in the railroad industry. See page 21.



# Health care/health sciences programs

## HEALTH CARE/HEALTH SCIENCES INFORMATION SESSIONS

**January 23, 2017**

**6–7:30 p.m.**

*Leisure Fitness, 231 Executive Dr.  
Newark, Del.*

### Personal Fitness Trainer Course

**January 24, 2017**

**6–7:30 p.m.**

*UD STAR (Science, Technology and  
Advanced Research) Campus  
Newark, Del.*

### Advanced Telehealth Coordinator Certificate

**January 30, 2017**

### Clinical Trials Management Certificate

**February 13, 2017**

### Improving Cultural Competence for Health Care Professionals Certificate

**February 20, 2017**

### Health Care Risk Management Online Course

**March 13, 2017**

### Essentials of Clinical Sleep Health and Education Online Course

**6–7:30 p.m.  
Newark, Del.**

*The information sessions are free,  
but RSVPs are requested. Please RSVP at  
[pcs.udel.edu/certificate/info](http://pcs.udel.edu/certificate/info).*

## CERTIFICATE PROGRAM

### Advanced Telehealth Coordinator Certificate

Learn to coordinate telehealth technologies to improve access to health care specialties and services

Telehealth initiatives hold exciting potential to address health care access issues in Delaware and the region, whether from shortfalls in critical health care specialties, or under-served geographic locations. Telehealth also provides innovative ways to meet the demands of an aging population, reduce inappropriate use of emergency departments, prevent hospital readmissions, bring care to the most appropriate setting and more. This 15-week program will provide the foundations of telehealth for participants interested in utilizing telehealth for the delivery of health care.

#### WHO SHOULD PARTICIPATE?

Clinicians and administrators from a wide variety of health care disciplines within behavioral and medical health care, including:

- Physicians, dentists, dental hygienists
- Physician assistants
- Nurse practitioners
- Nurses
- Counselors
- Social workers
- Physical therapists
- Occupational therapists
- Speech therapists

**SCHEDULE:** Tuesdays, February 14–  
May 23, 2017, 6–9 p.m.

**LOCATION:** UD Science, Technology and  
Advanced Research (STAR) Campus,  
540 S. College Ave., Rm. 113, Newark, Del.

**PRICE:** \$1,495, program materials included.  
Discounts and financial assistance options  
available.

4.5 Continuing Education Units. Continuing  
education credit for various professions will  
be available.

[pcs.udel.edu/telehealth](http://pcs.udel.edu/telehealth)

## COURSE | ONLINE

### Essentials of Clinical Sleep Health and Education Online Course

Become a sleep health educator  
and prepare for the Certificate in  
Clinical Sleep Health (CCSH) exam

This online course introduces health care professionals to the specialty of sleep medicine and the essentials of polysomnography and goals of treatment. Topics include normal and abnormal sleep, sleep disorders and associated comorbid conditions, clinical evaluation of sleep, testing and treatment options, monitoring therapeutic compliance, educating the patient/family/community and developing a sleep program.

The course is designed to help you prepare for the Board of Registered Polysomnographic Technologists (BRPT) Certificate in Clinical Sleep Health (CCSH) exam. For details about the exam, including eligibility requirements, visit [brpt.org](http://brpt.org).

#### WHO SHOULD PARTICIPATE?

This course is primarily intended for health care professionals:

- Dentists
- Physicians
- Nurses
- Nurse practitioners
- Physician assistants
- Polysomnographic technologists
- Respiratory technicians
- Neurodiagnostic technicians
- Anyone interested in learning more about sleep medicine

**SCHEDULE:** April 3–May 19, 2017 (self-paced  
course progression with some scheduled  
requirements and assignments)

**PRICE:** \$1,900, course materials included.  
Discounts and financial assistance options  
available.

1.05 Continuing Education Units



The Medical Society of Delaware designates this live continuing medical education

activity for a maximum of 10.50 AMA PRA Category 1 credits.

Offered in partnership with Delaware Sleep Disorder Centers

[pcs.udel.edu/clinical-sleep-health/](http://pcs.udel.edu/clinical-sleep-health/)

## CERTIFICATE PROGRAM | ONLINE

### Clinical Trials Management Online Certificate

#### Prepare for diverse career opportunities in this dynamic and challenging field

The potential opportunities in the field of clinical trials management range from the principal role of the investigator to the supportive tasks surrounding regulatory compliance, scientific writing, marketing, and retrieval of accurate and reliable data for submission to regulatory agencies. Employment settings include pharmaceutical, biotechnology, medical device companies, contract research, hospitals, educational institutions and independent contractors. This certificate program covers logistics of the site management process, data management principles, U.S. regulatory and legal implications, safety and auditing, and marketing a product, including core concepts consistent with the Academy of Clinical Research Professionals (ACRP) certification exams, a valuable credentialing opportunity for clinical research professionals.

#### WHO SHOULD PARTICIPATE?

- Clinicians and other professionals currently involved in the clinical trials process
- Professionals with a strong science or health care related background wishing to expand their knowledge in the clinical trials field

**SCHEDULE:** February 20–May 22, 2017 (self-paced, online course with some scheduled requirements and assignments)

**PRICE:** \$2,125, program materials included. Discounts and financial assistance options available.

2.0 Continuing Education Units

[pcs.udel.edu/ctm](http://pcs.udel.edu/ctm)

## CONFERENCE

### Continuing Dental Education Summer Symposium

#### Current topics for general dentists, hygienists and dental assistants

The Continuing Dental Education Summer Symposium is for general dentists, dental hygienists or dental assistants seeking continuing dental education and updates in the field. Topics have included restorative dentistry, endodontics, periodontics, pharmacology and risk management.

The program is co-sponsored by Dodd Dental Laboratories and the University of Delaware's Division of Professional and Continuing Studies.

**SCHEDULE:** Monday–Friday, July 31–August 4, 2017, 8 a.m.–noon

**LOCATION:** Clarion Resort Fontainebleau Hotel, Ocean City, Md.

**PRICE:** Weekly rate is \$750 (dentists) or \$375 (dental hygienists or other team members); daily rate is \$225 (dentists) or \$100 (dental hygienists or other team members). Registration includes program materials, certificates of attendance and continental breakfast. Participants assume responsibility for lodging and all other meals.

[udel.edu/dental](http://udel.edu/dental)

## CERTIFICATE PROGRAM | ONLINE

### Dietetic Internship Program Certificate

An online post-baccalaureate program for graduates of a didactic program in dietetics (DPD) meeting the internship requirement for registered dietitians. See page 22 for description.

## DEGREE | ONLINE

### Doctor of Nursing Practice

A hybrid online and classroom-based program with post-baccalaureate and post-master's options. See page 22 for description.

## CONFERENCE

### Eastern Shore Medical Symposium

#### Comprehensive coverage of current topics for physicians and other health care professionals

The Eastern Shore Medical Symposium combines quality education with a great location, where primary care physicians, family practitioners, advanced practice nurses and other health care professionals receive comprehensive updates on relevant medical topics in a relaxed, collegial atmosphere. Topics have included diabetes management, coronary artery disease, atrial fibrillation, women's health, G.I. update, psychopharmacology, and cancer screening, prevention and care.

The five-day conference is jointly provided by Sidney Kimmel Medical College at Thomas Jefferson University and the University of Delaware with promotional assistance provided by the Medical Society of Delaware. The Sidney Kimmel Medical College at Thomas Jefferson University is accredited by the ACCME to provide continuing medical education for physicians.

**SCHEDULE:** Monday–Friday, June 19–23, 2017 7 a.m.–12:30 p.m.

**LOCATION:** The Bay Center and Cove at the Hyatt Place, Dewey Beach, Del.

**PRICE:** Registration includes online program materials and continental breakfast. Participants assume responsibility for lodging and all other meals. Physicians and faculty: \$695\*; Retired physicians: \$655\*; Previous participant bringing a first-time participant: \$595\*; Nurses (professional, practitioner, case manager) and physician assistants: \$595\*; Residents: \$420\*

\*All course materials will be supplied online. For participants who prefer to receive materials on a flash drive or in notebook binder format, please add Conference Flash Drive or Conference Binder to your registration, and note the additional charge.

[udel.edu/esms](http://udel.edu/esms)

**LeFaye Yurick**  
**RN Refresher Online graduate**

"It's hard for me to believe, but I had been away from nursing for 27 years! With our household in need of some additional financial support, I decided to return to my 'first love,' and it was the right time to reactivate my RN licensure."

"The online format of UD's RN Refresher Course was great. Class accessibility was so easy, and I also enjoyed the ability to 'replay' the instructors as needed in the lecture videos. And I loved taking my textbooks to the beach and reading them there while listening to the waves! The support of the faculty, the online class discussions, and the online class overall were wonderful."

"To complete the clinical nursing hours, I was able to find a participating hospital facility that was not too far away from where I live. My clinical site preceptor was wonderful, patient and encouraging."

"Since completing the program, I've returned to active nursing, working for Galloway Pediatric Medical Day Care and for Maxim Home Health Care, and I love it."

*LeFaye Yurick is a registered nurse who completed the University of Delaware's RN Refresher Online program.*



# PROGRAMS AT A GLANCE

| SUBJECT               | PROGRAM   | DATES   | LOCATION                      | PRICE   | DELIVERY METHOD | FORMAT      | PAGE NO. |
|-----------------------|---|---|-------------------------------|---------|-----------------|-------------|----------|
| BUSINESS              | <b>Analytics: Optimizing Big Data</b>                                     | Thurs., Feb. 2–May 11, 6–9:15 p.m.  | Wilmington                    | \$2,845 | In-classroom    | Certificate | 3        |
|                       | <b>Business Analysis</b>  | Thurs., Feb. 9– May 11, 6–9:15 p.m.   | Wilmington                    | \$2,545 | In-classroom    | Certificate | 3        |
|                       | <b>Business Essentials</b>  |   |                               |         | Online          | Certificate | 20       |
|                       | <b>Certified Associate in Project Management (CAPM)® Examination Prep</b> | Sat., Feb. 25 and March 4, 8:30 a.m.–4:30 p.m.  | Newark                        | \$995   | In-classroom    | Course      | 4        |
|                       | <b>Lean Six Sigma Green Belt</b>  | Sat., Feb. 18, 9 a.m.–4 p.m.<br>Thurs., Feb. 23–May 18<br>Thurs., April 13, May 4, May 11 and 18,<br>6–9:15 p.m. (see page 4 for details) | Newark                        | \$2,545 | Hybrid-online   | Certificate | 4        |
|                       | <b>Master of Business Administration</b>                                  |   |                               |         | Online          | Degree      | 21       |
|                       | <b>Master of Public Administration</b>                                    |   |                               |         | Online          | Degree      | 22       |
|                       | <b>Project Management</b>   | Wed., Feb. 15–May 17<br>Wed., Feb. 8–May 10<br>Mon., Feb. 13–May 15   | Newark<br>Wilmington<br>Dover | \$2,545 | In-classroom    | Certificate | 4        |
|                       | <b>Project Management Professional® Examination Prep</b>                  | Jan. 28 and Feb. 4, 8:30 a.m.–4:30 p.m.   | Newark                        | \$1,025 | In-classroom    | Course      | 6        |
|                       | <b>Social Media Marketing Strategy</b>                                    | Tues., Feb. 14–May 23, 6–9:15 p.m.<br>(three classes are virtual online sessions)   | Newark                        | \$2,295 |                 | Certificate | 6        |
|                       | <b>Socially Responsible and Sustainable Apparel Business</b>              |   |                               |         | Online          | Certificate | 21       |
| EDUCATION             | <b>Master of Arts in Economics and Entrepreneurship for Educators</b>     |   |                               |         | Online          | Degree      | 21       |
|                       | <b>Master of Education in Teacher Leadership</b>                          |   |                               |         | Online          | Degree      | 21       |
| ENGINEERING & SCIENCE | <b>Composite Materials</b>  |   |                               |         | Online          | Certificate | 21       |
|                       | <b>Management Essentials for Engineers and Scientists</b>                 | April, 2017 (Mon.–Thurs., 8:30 a.m.–4:30 p.m.)  | Newark                        |         | In-classroom    | Certificate | 8        |
|                       | <b>Master of Science in Cybersecurity</b>                                 |   |                               |         | Online          | Degree      | 22       |
|                       | <b>Master of Science in Electrical and Computer Engineering</b>           |   |                               |         | Online          | Degree      | 22       |
|                       | <b>Railroad Engineering</b>   |   |                               |         | Online          | Certificate | 21       |

|   |  |  |                 |              |               |             |    |
|---|--|--|-----------------|--------------|---------------|-------------|----|
| <b>HEALTH CARE/<br/>HEALTH<br/>SCIENCES</b> | <b>Advanced Telehealth Coordinator</b>                             | Tues., Feb. 14–May 23, 6–9 p.m.  | Newark          | \$1,495      | In-classroom  | Certificate | 9  |
|   | <b>Essentials of Clinical Sleep Health and Education</b>           | Apr. 3–May 19  |                 | \$1,900      | Online        |             | 9  |
|   | <b>Clinical Trials Management</b>                                  | Feb. 20–May 22   |                 | \$2,125      | Online        | Certificate | 10 |
|   | <b>Continuing Dental Education</b>                                 | July 31–Aug. 4, Mon.–Fri., 8 a.m.–noon   | Ocean City, MD  | See page 10. | On-site       | Conference  | 10 |
|   | <b>Dietetic Internship Program</b>                                 |  |                 |              | Online        | Certificate | 22 |
|   | <b>Doctor of Nursing Practice</b>                                  |  |                 |              | Online        | Degree      | 22 |
|   | <b>Eastern Shore Medical Symposium</b>                             | June 19–23, Mon.–Fri., 7 a.m.–12:30 p.m.   | Dewey Beach, DE | See page 10. | On-site       | Conference  | 10 |
|   | <b>Health Care Risk Management</b>                                 | Mar. 6–May 13  |                 | \$925        | Online        | Course      | 14 |
|   | <b>Improving Cultural Competence for Health Care Professionals</b> | Mon., Mar. 6–May 22  | Newark          | \$2,195      | In-classroom  | Certificate | 14 |
|   | <b>Medical Aspects of Sports</b>                                   | Feb. 4, 7 a.m.–4:15 p.m.   | Newark          | \$215        | On-site       | Conference  | 14 |
|   | <b>Molecular Diagnostics</b>                                       |  |                 |              | Hybrid-online | Degree      | 22 |
|   | <b>Personal Fitness Trainer</b>                                    | Mon./Wed., Feb. 13–May 24, 6–9 p.m.  | Newark          | \$1,895      | In-classroom  | Course      | 15 |
|   | <b>RN Refresher</b>  | Starts Feb. 1  |                 | \$905        | Online        | Course      | 15 |
|   | <b>RN to BSN Program</b>   |  |                 |              | Online        | Degree      | 20 |
| <b>Substance Abuse Prevention</b>           | Spring 2017  | Newark   |                 | On-site      | Conference    | 15          |    |
| <b>LAW</b>                                  | <b>LSAT Prep<br/>Paralegal</b>                                     | April 27–June 8, 6–9 p.m.  | Newark          | \$899        | In-classroom  | Course      | 19 |
|   |  | Sept. 11, 2017–July 25, 2018 (Mon.–Wed., 6–9 p.m.)   | Wilmington      | \$3,525      | In-classroom  | Certificate | 16 |
| <b>SAFETY</b>                               | <b>Certified Occupational Safety Specialist (COSS)</b>             | Apr. 24–28 or Aug. 21–25 or Oct. 23–27 (Mon.–Fri., 8 a.m.–5 p.m.)  | Newark          | \$2,199      | In-classroom  | Course      | 18 |
| <b>TEST PREP</b>                            | <b>Certified Associate in Project Management (CAPM)® Exam</b>      | Sat., Feb. 25 and Mar. 4, 2017, 8:30 a.m.–4:30 p.m.  | Newark          | \$995        | In-classroom  | Course      | 4  |
|   | <b>Project Management Professional® Exam</b>                       | Jan. 28 and Feb. 4, 8:30 a.m.–4:30 p.m.  | Newark          | \$1,025      | In-classroom  | Course      | 6  |
|   | <b>GRE</b>   | February 28–March 23, 6–9 p.m. OR<br>June 6–29, 6–9 p.m.   | Newark          | \$799        | In-classroom  | Course      | 19 |
|   | <b>SAT</b>   | February 12–March 5, 1–5 p.m. OR<br>April 2–30, 1–5 p.m. OR<br>April 29–May 20, 8:30 a.m.–12:30 p.m. OR<br>June 19–22, 9 a.m.–3 p.m. | Newark          | \$449        | In-classroom  | Course      | 19 |
|   | <b>LSAT</b>  | April 27– June 8, 6–9 p.m.   | Newark          | \$899        | In-classroom  | Course      | 19 |
|   | <b>ACT</b>   | Coming in July   |                 |              |               |             |    |

## CERTIFICATE PROGRAM | ONLINE

## Health Care Risk Management Online Course

### Influence change through patient safety

The field of health care risk management has grown dramatically over the past few decades, leading health professionals to new and exciting roles and responsibilities. The role has broadened to include utilization review and quality assurance systems, with risk managers who are focused on patient safety as the guiding principle, as well as measurement of quality outcomes. The course addresses:

- An overview of risk management in the health care setting
- The role of risk manager
- Standards, laws, regulatory affairs and patient safety
- Enterprise risk management and corporate compliance
- State and federal regulations
- Risk issues in non-health-care settings; employee/employer risk
- Risk financing, insurance and contracts

#### WHO SHOULD PARTICIPATE?

- RNs
- Legal nurses (LNCC)
- Quality/utilization review nurses (CPHQ)
- Safety officers
- Other health care professionals

**SCHEDULE:** March 6–May 13, 2017

(self-paced online course with some scheduled requirements and assignments)

**PRICE:** \$925, optional textbook is additional. Discounts and financial assistance options available.

[pcs.udel.edu/risk-management](http://pcs.udel.edu/risk-management)

## CERTIFICATE PROGRAM

## New! Improving Cultural Competence for Health Care Professionals Certificate

### Improve your ability to interact effectively with a diverse patient population

Our community is changing. So are our patients. By the year 2060, all counties in Delaware will rank among the top 6% most diverse communities in the nation. Are you ready to provide respectful, high-quality care to our diverse community? This program was designed for professionals working in health care to provide knowledge, skills and insights to reduce errors, increase quality outcomes and minimize costs when providing health care services to an increasingly diverse community.

#### WHO SHOULD PARTICIPATE?

- Clinical staff including physicians, physician assistants, advanced practice nurses, dentists and dental hygienists, nurses, counselors, social workers, physical therapists, occupational therapists, speech pathologists, and activity directors
- Health care administrators
- Anyone interested in learning about the intersection of culture and health care

**SCHEDULE:** Mondays, March 6–May 22, 2017

**LOCATION:** Newark, Del.

**PRICE:** \$2,195, program materials included. Discounts and financial assistance options available.

[pcs.udel.edu/cultural-competence](http://pcs.udel.edu/cultural-competence)

## CONFERENCE

## Medical Aspects of Sports Seminar

### Successful prevention, evaluation and rehabilitation of sports injuries

This one-day sports medicine conference covers topics related to the evaluation and rehabilitation of sports-related injuries to the upper and lower extremities. This program is recommended for physical therapists, team and family physicians, athletic trainers, coaches, fitness club personnel, and students or school personnel involved in physical education, recreation and physical fitness programs.

Presenters include faculty and athletic training experts from the University of Delaware as well as expert practitioners from the region.

*Co-sponsored by the University of Delaware Intercollegiate Athletics Program and Department of Kinesiology and Applied Physiology.*

**SCHEDULE:** February 4, 2017, 7 a.m.–4:15 p.m.

**LOCATION:** John M. Clayton Hall, Newark, Del.

**PRICE:** \$215. Event registration includes all program materials, refreshments and lunch. Student rate and earlybird rate available.

[pcs.udel.edu/sports](http://pcs.udel.edu/sports)

## CERTIFICATE | HYBRID-ONLINE

## Molecular Diagnostics Certificate

Hybrid online plus campus-based certificate program designed for medical laboratory scientists working in the clinical laboratory, in addition to the fields of forensics, biotechnology, and pharmaceuticals. See page 22.



## COURSE

## Personal Fitness Trainer Course

### Join the growing health and fitness field as a personal fitness trainer

The demand for personal training is booming. Boasting a competitive salary and 24% growth in just the last 10 years, aspiring fitness professionals can anticipate opportunity within this growing field. This is a 15-week entry-level program comprised of 120 hours of instruction, including both classroom instruction, hands-on practice and online activities. Class meets two days per week.

This program is aligned with the American College of Sports Medicine (ACSM), and will prepare you to take the nationally recognized ACSM Certified Personal Trainer (CPT) exam.

#### WHO SHOULD PARTICIPATE?

- Personal fitness trainers
- Athletic trainers
- Physical therapists
- Nurses and other health care professionals
- Individuals wishing to learn more about maintaining health and fitness for themselves or members of their family
- Anyone interested in entering the field of personal fitness training

**SCHEDULE:** Mondays/Wednesdays,  
February 13–May 24, 2017, 6–9 p.m.

**LOCATION:** Leisure Fitness, 231 Executive Drive,  
Newark, Del.

**PRICE:** \$1,895, textbooks included. Discounts and financial assistance options available.

12 Continuing Education Units

[pcs.udel.edu/personal-trainer](http://pcs.udel.edu/personal-trainer)

## COURSE | ONLINE

## RN Refresher Online Course

### Update your nursing knowledge and skills, reinstate your license, or earn contact hours for license renewal

Have you been out of active nursing practice and wish to update your nursing knowledge and return to a clinical setting? Do you need to meet a continuing education requirement in order to renew or maintain your nursing license? The University of Delaware's RN Refresher Online is designed to help you expand your nursing options.

The RN Refresher consists of:

- A didactic component with online course modules, reading assignments, self-quizzing, case studies, asynchronous online discussions and a final exam
- A clinical component with a minimum of 80 hours of preceptored clinical experience in an adult acute care facility
- Latest updates in nursing care and management presented by practitioners in the field
- Learner support available via web, email, phone and fax
- Nursing contact hours that will be awarded for successful completion of the didactic component for nurses holding active licensure

**SCHEDULE:** 15-week didactic component begins February 1, 2017. Optional clinical component immediately follows and must be completed by August 1, 2017. Course offered again in June 2017.

**PRICE:** \$905 course fee (early registration discount offered); \$200 clinical administration fee. Textbooks additional. Discounts and financial assistance options available.



*The RN Refresher Online course is an educational program co-provided by the University of Delaware's Division of Professional and Continuing Studies and Bayhealth Medical Center's Department of Education.*

[pcs.udel.edu/rnrefresher](http://pcs.udel.edu/rnrefresher)

## DEGREE | ONLINE

## RN to BSN Program

Online program for registered nurses wishing to earn a bachelor of science in nursing. See page 20 for description.

## CONFERENCE

## New! Substance Abuse Prevention Conference

### Fulfills nursing continuing education requirement

This conference will bring together nurses and other health care professionals, advocates, and community members for a conversation about substance abuse prevention, treatment and recovery.

The Delaware Board of Nursing Rules and Regulations now require RNs and LPNs to complete continuing education (CE) on substance abuse. Starting with the next renewal period, at least three of the required contact hours must be in the area of substance abuse. This program will fulfill the continuing education requirement for nurses in Delaware.

Coming in Spring 2017, Newark, Del.

[pcs.udel.edu/substance-abuse](http://pcs.udel.edu/substance-abuse)

# Law programs

## TEST PREP FREE STRATEGY SESSION

### LSAT Strategy Workshop

April 6, 2017

6–7:30 p.m., Newark, Del.

#### COURSE

## LSAT Test Preparation

Intensive in-class test preparation and review tools to help you perform at your peak on the Law School Admission Test (LSAT). See page 19 for more information.

#### CERTIFICATE PROGRAM

## Paralegal Certificate

### Create a new career path or advance in your current position as a paralegal or legal assistant

Paralegals fill a vital role in the legal community, and for more than 30 years, the University of Delaware's Paralegal Certificate program has been preparing legal assistants and paralegals in the region. Taught by a faculty of experienced attorneys, the program covers the American system of law, court systems and procedures, and legal research and writing; and introduces the major branches of law.

Professional opportunities are many and varied:

- Private law firms will continue to be the largest employers of paralegals.
- Jobs are expected to grow in corporate legal departments, insurance companies, real estate and title insurance firms, and banks.
- Opportunities are projected to expand in the public sector, including community legal service programs, federal, state, and local government agencies; consumer organizations; and the courts.



## Students benefit from Delaware Paralegal Association membership

The University of Delaware's Division of Professional and Continuing Studies is a sponsor of the Delaware Paralegal Association (DPA) and encourages participants in UD's Paralegal Certificate program to join DPA at the student membership level.

DPA is a comprehensive resource to paralegals in Delaware and is committed to promoting and maintaining high standards within the legal community of the first state. DPA provides a forum for the exchange of information about the profession, enhances the role of paralegals in the legal community and encourages the continuing legal education of paralegals.

Membership in DPA benefits Delaware paralegals and serves as a great resource for those preparing to enter the field. DPA membership provides:

- Continuing legal education opportunities, including lecture luncheons
- Access to a job bank with regional employment opportunities
- Access to the DPA newsletter
- Inclusion in special projects, networking events and philanthropic activities
- Mentoring and networking with other paralegals
- Pro bono opportunities in the courts and the community

Graduates of UD's Paralegal Certificate program who are also DPA members will benefit from networking with other paralegals in their class as well as other Delaware paralegals and the larger legal community.

For more information about the Delaware Paralegal Association, including membership details, visit [www.deparalegals.org](http://www.deparalegals.org).

#### WHO SHOULD PARTICIPATE?

- Anyone wishing to change careers
- Anyone wishing to enter the field of law and legal services
- Anyone with legal experience wishing to earn a valuable credential

**SCHEDULE:** Monday–Wednesday,  
September 11, 2017–July 25, 2018, 6–9 p.m.

**LOCATION:** Arshnt Hall, 2700 Pennsylvania Ave.,  
Wilmington, Del.

**PRICE:** \$3,525, textbooks additional. Discounts and financial assistance options available.

23.4 Continuing Education Units

#### **Delaware Paralegal Association discount.**



Members of the Delaware Paralegal Association receive a 15% discount when enrolling in this program.

[pcs.udel.edu/paralegal](http://pcs.udel.edu/paralegal)

**Monique Neal**  
**Paralegal Certificate program graduate**

"I began college with the goal of pursuing law school. My path deviated, and I spent much of my career as a teacher in the prep boarding school world."

"Having earned both my undergraduate and graduate degrees from the University of Delaware, I returned to UD to pursue the Paralegal Certificate."

"The program is rigorous and demands one be dedicated and steadfast, but the instructors are committed to student success, and they are quite giving of their time and expertise. The evening classes, the legal practitioner-instructors, the Wilmington location, and the academic rigor all created a 'True Blue' UD experience. I have had many doors open to me since completing the program."

"I enjoy the dynamic, team-driven nature of worker's compensation and personal injury law. Every day presents a new challenge and, usually, a new success. My Paralegal Certificate has allowed me to do traditional paralegal/law firm work, as well as project management."

Pictured here with a photo of her mother's 1957 UD graduating class, Neal adds, "Along with my twin brother and niece, I am proud to be a UD 'legacy.' Our late mother Gwendolyn Roberts was among the first black Americans to attend and graduate from the University of Delaware."

*Monique Neal completed the University of Delaware's Paralegal Certificate Program and has since completed a law firm internship and is now working as a paralegal at one of Delaware's oldest law firms.*



# Safety programs

## COURSE

### Certified Occupational Safety Specialist (COSS) Course

Transform your career and your workplace as a trained safety practitioner

The Certified Occupational Safety Specialist (COSS) designation is recognized nationwide for its rigorous standards and outstanding curriculum—developed by expert safety practitioners focused on the core competencies of occupational safety and health. COSS graduates will be able to teach their employees and colleagues how to work safely and eliminate the risk of fatalities and near misses—and avoid safety violations and OSHA citations.

The University of Delaware has partnered with the Delaware Valley Safety Council to offer this intensive one-week training program taught by an Authorized OSHA Outreach Trainer.



*Earn the nationally recognized COSS designation—Participants who successfully complete the program earn the nationally-recognized Certified Occupational Safety Specialist (COSS) designation, which is endorsed by the American Association of Safety Councils and the American Council for Construction Education.*

#### WHO SHOULD PARTICIPATE?

This course is designed for entry-level safety professionals, as well as experienced safety practitioners wishing to stay current in the field. Safety training is applicable to a wide range of industries including construction, manufacturing, transportation, energy and utilities, public safety and security, health care, food, government and human resources. Prerequisite: high school diploma or equivalent.

**SCHEDULE:** Monday–Friday, April 24–28 or August 21–25 or October 23–27, 2017, 8 a.m.–5 p.m.

**LOCATION:** Newark, Del.

**PRICE:** \$2,199, course materials included.

[pcs.udel.edu/safety/coss](http://pcs.udel.edu/safety/coss)



Does your workplace safety program measure up?

Do news stories of workplace incidents make you wonder if your workplace is as safe as it could be?

The ideal workplace safety program should empower employees to recognize and identify hazards—and offer ways to avoid those hazards on the job. Ask yourself:

- Do I know what to do if someone in my workplace experiences an on-the-job injury?
- Do I know why employees violate safety rules even when they know it's not safe to do so?
- Do I want to learn how my company can save thousands of dollars every year just by making a few simple changes?
- Do I want to learn how to identify and implement the OSHA regulations that apply to particular hazards in my workplace?
- Do I know the true costs of an accident—including hidden costs?
- Do I know what it takes to set up an effective health and safety program and how to present that information to company leaders?
- Do I want to enhance my current safety knowledge or prepare for opportunities in the safety and health field?

If you answered yes to any of these questions, then the Certified Occupational Safety Specialist® (COSS) program is for you. The COSS program blends safety management development with regulatory training and focuses on how safety regulations apply to everyday workplace scenarios. After completing this program, you will return to your job with a greater understanding of the safety considerations that affect your roles and responsibilities.

# Test Prep programs

## COURSE | IN-CLASS

### Certified Associate in Project Management (CAPM)<sup>®</sup> Examination Prep Class

Break into the project management field with the CAPM<sup>®</sup> certification!

An intensive two-day class preparing participants for the PMI<sup>®</sup> Certified Associate in Project Management (CAPM)<sup>®</sup> examination. See page 4.

## COURSE | IN-CLASS

### Project Management Professional<sup>®</sup> Examination Prep Class

Ready to take the next step and become a Project Management Professional (PMP)<sup>®</sup>?

An intensive two-day class preparing participants for the PMI<sup>®</sup> Project Management Professional (PMP)<sup>®</sup> examination. See page 6.

## COURSE | IN-CLASS

### SAT • ACT • GRE • LSAT Test Preparation Courses

Intensive in-class test preparation and review tools, to help you perform at your peak

Standardized tests are a crucial component of the college and graduate school application process, and success on these exams can be a big part of achieving your goals. These test prep courses are intensive programs that provide students with the tools they need to excel on these exams. Students are provided with an in-depth review of the exam materials, insight into strategies for succeeding on each exam, and a comprehensive study plan. An official study guide, a customized workbook, and online resources are provided with each course. This program is offered in partnership with Educational Testing Consultants (ETC), a leader in higher education test preparation.

#### WHO SHOULD PARTICIPATE:

- Rising high school juniors taking the SAT or ACT for college admissions
- Undergraduates preparing to take the GRE or LSAT for admission to graduate school or law school
- Anyone wishing to continue their education at the college/university or graduate level

#### PRICE AND SCHEDULES:

**GRE** (\$799) *Two offerings:*

Tuesdays and Thursdays, February 28–March 23, 2017, 6–9 p.m.

Tuesdays and Thursdays, June 6–29, 2017, 6–9 p.m.

**LSAT** (\$899) *One offering:*

Tuesdays and Thursdays, April 27–June 8, 2017, 6–9 p.m.

**SAT** (\$449) *Four offerings:*

Sundays, February 12–March 5, 2017, 1–5 p.m.

Sundays, April 2–30, 2017, 1–5 p.m.

Saturdays, April 29–May 20, 2017, 8:30 a.m.–12:30 p.m.

## TEST PREP FREE STRATEGY SESSIONS

**GRE Strategy Workshop**  
**February 16, 2017 and**  
**May 9, 2017**

**6–7:30 p.m.**  
**Newark, Del.**

**LSAT Strategy Workshop**  
**April 6, 2017**

**6–7:30 p.m.**  
**Newark, Del.**

Monday–Thursday, June 19–22, 2017,  
9 a.m.–3 p.m.

**ACT:** Coming in July

10% discount on SAT for Delaware residents  
15% discount for UD alumni and students

**LOCATION:** All courses offered on UD's main campus in Newark, Del.

**[pcs.udel.edu/testprep](http://pcs.udel.edu/testprep)**

# UD Online programs

## Study with flexibility.

At the University of Delaware, we offer a learning environment that is designed to help you expand your skills and further your career. We do this through discovery-based learning, applied research and dynamic skill building. This proven academic approach extends to all of our online degree programs and non-degree courses.

When you choose to study with UD, you gain access to our expert faculty and our leading-edge curriculum, all with the flexibility that comes with online learning. Online programs from the University of Delaware are an ideal solution for students and professionals who are seeking to advance critical skills with a leading research university while accommodating their busy schedules.

**Explore all of these options at [online.udel.edu](http://online.udel.edu).**

## University of Delaware—a top-ranked education

Take advantage of e-learning opportunities at a top-ranked, research-focused university with a wide array of programs, departments, schools and centers.

- **U.S. News and World Report** names UD among the 30 best public universities
- **Kiplinger's Personal Finance** magazine calls UD a best value school
- **Princeton Review's Colleges That Pay You Back** names UD among the 200 Schools That Give You the Best Bang for Your Tuition Buck

**Learn more: [www.udel.edu/about/facts-figures](http://www.udel.edu/about/facts-figures)**



## Bachelor of Science in Nursing (RN-to-BSN program)

UD's RN-to-BSN program provides licensed registered nurses the opportunity to complete their professional nursing education. Building on basic nursing knowledge to enhance nursing practice in an increasingly complex society, the curriculum is designed to further develop students' scholarly writing skills, leadership skills, research knowledge, and use of evidence-based practice to provide a growth experience for the actively practicing registered nurse. Courses are offered in fall, winter, spring and summer semesters providing year-round learning opportunities for degree completion.

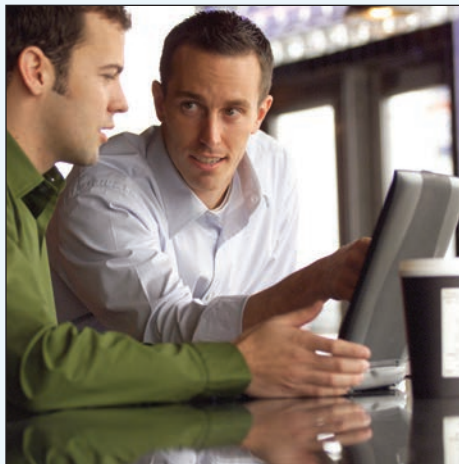
CONTACT: 302-831-8843  
[access-advise@udel.edu](mailto:access-advise@udel.edu)  
[sites.udel.edu/nursing/nursing-education/](http://sites.udel.edu/nursing/nursing-education/)

## Certificate of Business Essentials

Completed as a combination of online and on-campus study, this certificate program is for students and working professionals from non-business fields who would like to earn a business-related certificate to complement their bachelor's degree. This program is comprised of four targeted courses from UD's Lerner College of Business and Economics:

- Economic Issues and Policies
- Survey of Accounting
- Introduction to Business
- Fundamentals of Finance

CONTACT: [access-advise@udel.edu](mailto:access-advise@udel.edu)  
 302-831-8843 • 1-866-820-0238  
[www.pcs.udel.edu/essentials/](http://www.pcs.udel.edu/essentials/)



## Undergraduate and graduate degrees

### Associate in Arts

The Associate in Arts is a liberal arts degree representing completion of approximately half of a University of Delaware bachelor of arts degree. Your previous college credit may be transferable into the program, and you may begin taking courses prior to formal admission to the degree. Consult with an ACCESS Center advisor to choose courses and customize your program. A UD degree is closer than you think!

CONTACT: [access-advise@udel.edu](mailto:access-advise@udel.edu)  
 302-831-8843 • 1-866-820-0238  
[pcs.udel.edu/online-aa/](http://pcs.udel.edu/online-aa/)

## Graduate degrees and certificates

### BUSINESS

#### Master of Business Administration (MBA)

The University of Delaware's MBA program allows participants to engage in experiential learning at its best, maximizing real-world knowledge to equip them with the skills and knowledge needed to excel in today's competitive global market. Graduates can add a powerful, innovative and AACSB-accredited online MBA to their resume in as few as 16 months, with elective options including finance, health care and international business concentrations, as well as a health care major. Each course is only seven weeks long. Choose from six start dates a year. Scholarships and financial aid may be available.

CONTACT: 844-237-1338  
mbaonline.udel.edu

#### Graduate Certificate in Socially Responsible and Sustainable Apparel Business

This program addresses labor and environmental problems in global supply chains for the apparel, textile and footwear industries. Coursework is grounded on principles of the United Nations (UN) Global Compact, a voluntary international initiative bringing together companies, labor and civil society groups, and various UN agencies in support of human rights, labor, and the environment. The certificate is comprised of nine, one-credit courses offered online, providing the foundation needed to manage international production, design, product development, buying, promotion and sourcing of apparel, textiles, and footwear in ways that are socially responsible and sustainable.

CONTACT: 302-831-4475  
fashion-studies@udel.edu • dickson@udel.edu  
www.fashion.udel.edu/graduate/graduate-certificate

### EDUCATION

#### Master of Arts in Economics and Entrepreneurship for Educators (M.A.E.E.E.)

This combined hybrid online plus on-campus master of arts degree focuses on economic, entrepreneurial and financial literacy, and preparing educators for teaching these subjects in elementary and secondary schools. The MAEEE equips educators with a solid foundation in economic theory and a set of strategies and methods for teaching economics, entrepreneurship and personal finance, so that they can inspire students to become effective participants in the economy, successful entrepreneurs, responsible consumers and wise investors.

CONTACT: asarta@udel.edu • 302-831-2559  
lerner.udel.edu/programs/specialized-graduate-programs/economics-and-entrepreneurship-for-educators-ma/

#### Master of Education in Teacher Leadership (M.Ed.)

Today more than ever, the educational landscape is rapidly changing. It requires teachers who are equipped to be leaders in the classroom. It also requires teachers who can foster collaboration within the school and community, as well as understand and implement policies that impact students in K-12 classrooms, private schools, preschools, higher education, and home schooling. This master's degree in teacher leadership provides teachers with the insights needed to better manage their classrooms, improve student outcomes and take the initiative to lead their peers to do the same. It provides knowledge and skills that are immediately applicable within and outside the classroom to enhance their own professional growth as well as guide their peers toward more effective teaching strategies.

CONTACT:  
www.education.udel.edu/teacherleadership/

### ENGINEERING

#### Graduate Certificate Program in Composite Materials

Offered by the University of Delaware's Department of Mechanical Engineering and Center for Composite Materials, the Graduate Certificate Program in Composite Materials is designed for engineering and science professionals who are new to the field of composite materials or wish to expand their knowledge of composite materials.

CONTACT: 302-831-8302  
enggoutreach@udel.edu  
www.engr.udel.edu/outreach/short-courses/composites-program

#### Graduate Certificate Program in Railroad Engineering

The railroad industry is growing and hiring qualified individuals into long-term, high-paying careers, and this certificate can help participants become competitive candidates for these positions and for advancement in the field. The Graduate Certificate Program in Railroad Engineering prepares participants to meet railroad industry employers' expectations regarding knowledge of railroad and rail transit. This program is designed for engineering professionals working in the area of railroad engineering or for those desiring to expand their knowledge of railroad engineering and related engineering disciplines, to thereby become viable candidates for advancement in the railroad industry.

CONTACT: 302-831-8302  
enggoutreach@udel.edu  
www.engr.udel.edu/outreach/Railroad Engineering Certificate/

## Master of Science in Cybersecurity

Protect your organization from malware and infiltration with an NSA- and DHD-designated National Center of Academic Excellence in Cyber Defense Education. Learn to design, execute and evaluate secure systems and software. Gain advanced instruction in engineering secure software and systems from a faculty of experts in technology and security. This 10-course graduate program combines research and theory with application to address today's cybersecurity issues and secure your position as an in-demand specialist.

CONTACT: 302-831-2405 • [ece-info@udel.edu](mailto:ece-info@udel.edu)  
[www.ece.udel.edu/mscyber-online](http://www.ece.udel.edu/mscyber-online)

## Master of Science in Electrical and Computer Engineering

Build your expertise in math, engineering and data science with a program focused on skill building across signal processing, data analytics, communication and cybersecurity to prepare you to lead solution development in data and communications. In addition to the master skill set of electrical and computer engineering, the program strongly focuses on the critical insights you'll need to secure, protect and implement the systems you create. Developed by a faculty with diverse corporate and research backgrounds, this flexible online master's degree in electrical engineering is for those with prior degrees in electrical, computer or mechanical engineering, or computer science or mathematics. The program can be completed in as few as two years.

CONTACT: 302-831-2405 • [ece-info@udel.edu](mailto:ece-info@udel.edu)  
[www.ece.udel.edu/online/graduate/msece-online.html](http://www.ece.udel.edu/online/graduate/msece-online.html)

## NURSING/HEALTH CARE

### Dietetic Internship

This post-baccalaureate certificate program provides graduates of a didactic program in dietetics (DPD) with the knowledge and skills necessary to become registered dietitians. The internship develops creative problem-solving skills necessary in the field of dietetics. Upon successful completion of the program, each student will receive a verification of completion certificate and be eligible to take the Registration Examination for Dietitians.

CONTACT: 302-831-2079 • [bhanadvising@udel.edu](mailto:bhanadvising@udel.edu)  
[www.udel.edu/bhan/dietetic](http://www.udel.edu/bhan/dietetic)

### Doctor of Nursing Practice (DNP)

The University of Delaware's new Doctor of Nursing Practice program prepares graduates to perform at the highest level of advanced nursing practice. The foundation for practice expertise with a population health focus will enable the graduate to plan and lead evidence-based interventions, quality improvement strategies and health policy changes that address patient safety, promote patient-centered care, and reduce health disparities among diverse groups. Three concentrations are available in a hybrid online and on-campus format: adult-gerontology nurse practitioner, family nurse practitioner, and psychiatric mental health nurse practitioner.

CONTACT: [ud-gradnursing@udel.edu](mailto:ud-gradnursing@udel.edu)  
[sites.udel.edu/nursing/graduate/](http://sites.udel.edu/nursing/graduate/)

## Molecular Diagnostics Certificate

This post-baccalaureate certificate program has a hybrid online plus on-campus format, providing medical laboratory scientists working in forensics, biotechnology or pharmaceuticals with the opportunity to update skills and knowledge to help meet the demands of modern molecular biology theory and application. The program also provides individuals seeking Molecular Biology, American Society for Clinical Pathology (MB-ASCP) certification with a solid preparation for national credentialing examinations. The certificate program is comprised of three courses and includes two 14-week online lectures and one week-long campus-based laboratory practicum.

CONTACT: [medtech-dept@udel.edu](mailto:medtech-dept@udel.edu)  
<http://sites.udel.edu/mls/molecular-dx>

## PUBLIC ADMINISTRATION

### Master of Public Administration (MPA)

This program is designed to help public service professionals develop their knowledge of current societal issues and strengthen their administrative acumen using a curriculum based on applied research and contemporary case studies. It is founded on theory, research, and application-based solutions. Taught by an interdisciplinary faculty, this flexible online MPA program will challenge participants using experiential learning methods to apply best practices while mastering the strategies necessary to shape policy and lead effective management in government, nonprofit and private sectors.

CONTACT: 302-831-1687 • [sppa@udel.edu](mailto:sppa@udel.edu)  
[www.sppa.udel.edu/grad-education/graduate-education/online-mpa](http://www.sppa.udel.edu/grad-education/graduate-education/online-mpa)



## Professional development and certificate programs

### NURSING/HEALTH CARE

#### Clinical Trials Management Certificate Program

Key competencies necessary for successfully understanding and conducting clinical trials and new product development processes in today's environment, see page 10.

#### Essentials of Clinical Sleep Health and Education

Online course introducing health care professionals to the specialty of sleep medicine. See page 9.

#### Health Care Risk Management Online

Online certificate program providing an overview of risk management in the health care setting. See page 14.

#### RN Refresher

Online course for nurses seeking to reinstate their license; optional clinical hours. See page 15.

### BUSINESS

#### Lean Six Sigma Green Belt Certificate

Hybrid online and on-campus format, including some classes meeting in Newark, Del. See page 4.

#### Social Media Marketing Strategy Certificate

Hybrid online and on-campus format including approximately 12 class meetings in Newark, Del. See page 6.

#### Socially Responsible and Sustainable Business—Online Short Courses

This set of four online short courses addresses labor and environmental problems in the global supply chains for the apparel, textile and footwear industries. Over 4,400 supply chain professionals from 39 countries have successfully completed one of UD's Socially Responsible and Sustainable Business short courses, and 124 companies have used a

### Questions?

Please visit [online.udel.edu](http://online.udel.edu), write to [continuing-ed@udel.edu](mailto:continuing-ed@udel.edu) or call 302-831-7600.

course to train their employees in industries including apparel, footwear, pharmaceutical, manufacturing, retail, biotech, food processing, jewelry, packaging, telecommunications and electronics. The University of Delaware is the only on-demand online training provider on the topic of human trafficking and compliance. Courses offered include:

- Risks of Human Trafficking and Slavery for Supply Chain Professionals
- Human Rights of Workers in Supply Chains
- Textile and Apparel Product Safety
- Impact of Corporate Purchasing Practices on Workers in Supply Chains

CONTACT: 302-831-7600 • 866-820-0238  
SRS-Biz@udel.edu • [www.udel.edu/srsb](http://www.udel.edu/srsb)

The screenshot shows the University of Delaware's online programs website. At the top, there's a navigation bar with the university logo and links for 'Online Programs', 'Online Admissions', 'How Online Works', 'About Us', and 'Request Info'. The main banner features the text 'Be Part of a Tradition of Excellence' with a 'Learn more' button. Below this, a section titled 'UD Online Featured Programs' displays three program cards:

- Master of Science in Cybersecurity:** Combine research and application, advancing skills in secure software and systems engineering to address critical cybersecurity issues.
- Master of Business Administration:** Get an AACSB-accredited MBA in as few as 16 months. Concentrations in Finance, International Business, and Dual Finance/International Business.
- Master of Public Administration:** Enhance your administrative acumen and prepare to lead in public administration using relevant research and proven best practices.

# Osher Lifelong Learning Institute

## Learn. Explore. Grow.

The University of Delaware is proud of its history as one of the earliest and largest lifelong learning programs in the country, hosting Osher Lifelong Learning Institute (OLLI) programs in Dover, Lewes, Ocean View and Wilmington.

Structured as academic cooperatives, OLLI programs are open to adults aged 50+ to take and teach classes together, with course offerings determined by member interest, as well as the passions and expertise of the dedicated volunteer member-instructors at each program's location. Five-, 10- and 14-week classes are created by members for members, with no grades, exams or educational prerequisites. Classes include art, history, languages, literature, science and much more.

**Register now for spring semester!**

### DOVER

Classes start January 30.  
[www.lifelonglearning.udel.edu/dover](http://www.lifelonglearning.udel.edu/dover)  
 1201 College Park Dr., Suite 101  
 (College Business Park)  
 Dover, DE 19904  
 302-736-7450 • [LLL-dover@udel.edu](mailto:LLL-dover@udel.edu)

**Attend an open house January 10!**

### LEWES/OCEAN VIEW

Classes start January 30.  
[www.lifelonglearning.udel.edu/lewes](http://www.lifelonglearning.udel.edu/lewes)  
 520 Dupont Avenue  
 Lewes, DE 19958  
 302-645-4111 • [LLL-lewes@udel.edu](mailto:LLL-lewes@udel.edu)

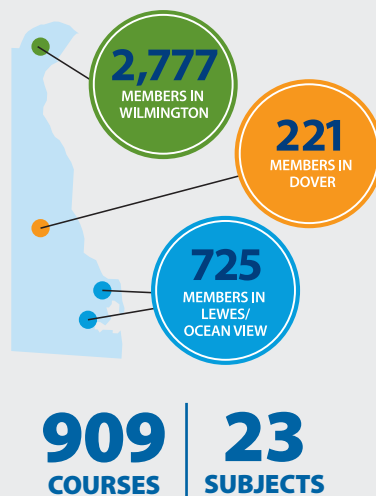
### WILMINGTON

Classes start February 6.  
[www.lifelonglearning.udel.edu/wilmington](http://www.lifelonglearning.udel.edu/wilmington)  
 Arshat Hall, 2700 Pennsylvania Avenue  
 Wilmington, DE 19806-1169  
 302-573-4417 • [LLL-wilm@udel.edu](mailto:LLL-wilm@udel.edu)

**Attend an open house January 5!**

**Keep your mind active. No exams or grades.  
 Enjoy learning for fun and enrichment.  
 Make new friends!**

## Osher Lifelong Learning for ages 50+



### Diverse Program Offerings



**Arts | Business**  
**IT/Computer | Humanities**  
**Health Care | History**  
**Languages | International Studies**  
**Legal | Literature | Philosophy**  
**Religion | Safety**

## What members say...

### Rewards of volunteering

"The rewards for volunteering are in many ways adding more to my life than a bank could hold. I am surrounded by people with like interests. I have new goals every day. My self-esteem has improved as well as my health and general well-being."

### Continuing to experience delight

"We are committed to bring the fullness of our life experiences to share with others. I feel fulfilled, knowing that at age 84, I can still contribute, that I can play and grow, and that I can continue to experience delight. I find new opportunities to serve in ways that I never dreamed possible."

"Osher provides the opportunity to learn things I'd like to know about, to meet people I would otherwise not have met, and to benefit from both. I participate in the program because I want to stay active intellectually and physically, and Osher provides for both."

### Great camaraderie

"It's the excitement of regaining curiosity about all things great and small, a new challenge, a celebration with many 'wow' moments, great camaraderie, knowledgeable instructors and shared laughter and memories."

"Each semester's new catalog is a treasure. I find new and interesting course offerings and meet new friends and, of course, get to catch up and socialize with old friends!"

**Liisa Trala**  
**UD Osher Lifelong Learning Institute**  
**member, Dover**

"When you hear the word 'school' or 'classes,' maybe your mind immediately thinks of writing essays or taking exams. Well, mine did, but that's not the case at OLLI. Learning is fun, exciting and completely test-free. Another great perk is the new friendships I've made."

"My experience with the OLLI program started when a friend invited me to sit in on a class. I did and was graciously welcomed as a visitor. When the next semester's catalog came out, I was amazed at the wide range of classes available. I signed up, and have been a part of Osher Lifelong Learning since then."

"I've had the pleasure of being an oil painting instructor at OLLI. It's so great to share my love and enthusiasm for oils with other members. I love seeing them grow and develop that 'sparkle' in their eyes. What a great experience."

"I hope if you are 50+ years old you will give OLLI a try. The enjoyment, fun and excitement of being an OLLI member is boundless. Besides attending classes of your choice, there are trips, special events, and numerous activities that you can be a part of. There is fun around every corner."

*Liisa Trala of Townsend, Del., has been member of the Osher Lifelong Learning Institute (OLLI) at the University of Delaware since 2012. Initially signing up for art classes, she later began sharing her knowledge as an art instructor, serving on the OLLI council, teaching art and serving on the member relations and special events committees.*



COMING THIS SPRING:

# Defining Your Pathway to Success

## A one-day event focused on defining your career path & professional brand

**Are you seeking a new job or a better career path? Do you already have a college degree and need new credentials for your resume?  
Are you just starting to contemplate your educational path beyond high school?**

This event will inspire and empower you and will teach you about a wide variety of educational and career options.

**EVENT HIGHLIGHTS:**

- Learn trends and opportunities in nontraditional and noncredit education
- Participate in job discussions with business leaders
- Share student and graduate success stories
- Attend breakout sessions on networking, LinkedIn, interviewing, leadership and more
- Participate in an online leadership seminar
- Receive one-on-one personal coaching
- Explore careers with a UD advisor
- Find employment and education opportunities

For details, visit  
[www.pcs.udel.edu/pathway](http://www.pcs.udel.edu/pathway)

