Learning is ageless!
What can UD do for you?

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

As the adult and nontraditional learners’ portal to the University of Delaware, UD PCS impacts more than 16,000 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 UD PCS, the University of Delaware extends its vast resources, research, technology and knowledge to the community, the region and the world. UD PCS provides:

• Academic advisement and career counseling
• Credit courses and degree completion
• Customized learning and community partnerships
• Lifelong learning opportunities
• Pre-college programs
• Professional development programs and courses
• Online learning opportunities through UD Online

Follow #UDPCS on social media!

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twitter.com/ud_pcs
linkedin.com/company/udpcs

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The ACCESS Center: Academic Advisement, Credit Registration and Career Counseling

The ACCESS Center provides free academic advisement, career exploration and counseling and credit registration assistance. Advisors are available to help you achieve your educational and career goals.

ACCESS Center services and resources include:
• Academic advisement for first-time or returning students in choosing a University of Delaware program, including assistance with course selection and registration.
• Career exploration and counseling, including administration of career inventories.
• Unofficial transcript evaluation and curriculum review for prospective transfer students.
• Information and assistance with the University’s admission and readmission processes.
• Information regarding UD resources and student services.
• Information on University policies and procedures.

Explore your options! In-person and phone appointments are available. Contact the ACCESS Center for an appointment.

UD Professional & Continuing Studies ACCESS Center
501 South College Avenue, Newark, DE 19716
Phone: 302-831-8843 • Fax: 302-831-2789
access-advises@udel.edu • pcs.udel.edu/access
Office hours: Mon., Tues., Fri. 8 a.m.–5 p.m.; Wed., Thurs. 8 a.m.–8 p.m.

Online career seminar series—Power Up Your Career

Special career- and personal branding-focused seminars are available to students enrolled in Professional and Continuing Studies (PCS) noncredit programs at no additional charge. Seminars are also available to those not enrolled in PCS programs for a $50 fee, which includes all sessions. The following seminars are offered online, via Zoom, 6–7:30 p.m. every other Monday from Aug. 13 to Dec. 17.
• Optimize and Build Your LinkedIn Profile
• Get Ready to Reinvent Yourself—Adapting to a Changing Global Market
• Secrets to an Effective Presentation: Delivering a Message to 3 or 30? Make It Count!
• Top 10 Interview Questions and How to Nail Them!
• The Branded Resume: Creating the Right Resume for the Job
• What’s Your EQ? Find Out What It Is and Why It Matters
• Matching Your Personality to the Job: Are You on the Right Career Path?
• How to Get Back Into the Workforce After a Long Absence
• Understanding Generations and How to Interact with Them Effectively in the Workplace
• Am I Promotable or Is There Something I’m Missing?

See pcs.udel.edu/power-up for more information.

Credit courses and degree completion

Whether you are a high school student seeking the challenge of college coursework, an adult seeking to start or complete a degree, or someone interested in taking individual courses for personal, educational or professional enrichment, you may take courses at the University of Delaware as a Continuing Education, non-admitted student. You do not have to be officially admitted to the University to get started. As long as you meet the course prerequisites, many University courses are available to Continuing Education students on a space-available basis. A wide variety of courses are offered in the evening and online.

Fall courses begin Tuesday, August 28, 2018.
Ready to search for a course? Visit udel.edu/courses.
Ready to register? Visit pcs.udel.edu/registration.
Customized learning and community partnerships

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 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 and external subject matter experts to provide exceptional learning opportunities to your team.

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 will design new or enhance your existing coaching programs, including executive-level services.

Benefits to your organization

Outsourcing your organization’s professional development to UD enables your employees to focus their efforts on core business issues that affect your bottom line.

Other benefits include:

- Strengthening your workforce through proven leadership programs.
- Optimizing work processes with project management and occupational safety 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 970 courses each year, with no grades or exams and no educational prerequisites. See page 32 for details.

Professional development programs and courses

UD PCS 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/IT/Drone—Business Process Optimization Using Lean Six Sigma, Data Analytics, HR Certification, Professional Drone Pilot Training Academy, Project Management, Social Media Marketing
- Engineering and Science—Management Essentials for Engineers and Scientists
- Healthcare—Advanced Telehealth Coordinator, Clinical Sleep Health and Education, Clinical Trials Management, Healthcare Risk Management, Nursing Home Administration Regulations, RN Refresher
- Law—Paralegal, LSAT Prep
- Pre-College—UD Dual Enrollment, SAT/ACT Prep, Reading/Speed Reading
- Safety—COSS (Certified Occupational Safety Specialist), COSM (Certificate for Occupational Safety Managers), Safe Supervisor
- Test Preparation—ACT, GMAT, GRE, LSAT, SAT, PMP®, CAPM®, aPHR™

See pages 3–25 for complete program listings.

Online learning opportunities through UD Online

More than 240 University of Delaware credit courses—as well as 26 degree programs, certificate programs or professional development programs—are offered online, and more are developed every year. Ranging from an online Associate in Arts to an online MBA or M.S. in mechanical engineering, 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 26–29 for program listings.

Over-60 tuition-free programs for matriculated Delaware residents

If you are a Delaware resident age 60 or older, you may pursue a University of Delaware degree without paying tuition. You must apply and be accepted (matriculated) to qualify. Visit pcs.udel.edu/60-tuition-free-degree.

Need more information? Contact the Professional and Continuing Studies ACCESS Center at access-advise@udel.edu or 302-831-8843.
Business/IT/Drone programs

FREE INFORMATION SESSION

Thursday, July 19
6–8 p.m.
Arsht Hall
2700 Pennsylvania Ave.
Wilmington, DE 19806

Advanced Telehealth Coordinator Certificate (online)
Analytics: Optimizing Big Data Certificate
Business Process Optimization Using Lean Six Sigma
Clinical Trials Management Certificate (online)
Essentials of Clinical Sleep Health and Education (online)
Healthcare Risk Management (online)
Human Resources Foundation and aPHRTM Certification Exam Prep
Paralegal Certificate
Nursing Home Administration Regulations Course
Professional Drone Pilot Training Academy
Project Management Certificate
Social Media Marketing Certificates
  • Fundamentals of Social Media Marketing
  • Advanced Social Media Marketing for Business

Attendance and refreshments are free. RSVPs are requested.
pcs.udel.edu/info-session

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, September 13–December 20, 2018, 6–9:15 p.m.
LOCATION: Arsht Hall, 2700 Pennsylvania Ave., Wilmington, Del.
PRICE: $2,895, course materials included. Discounts and financial assistance options available.
pcs.udel.edu/data

CERTIFICATE PROGRAM | HYBRID-ONLINE

Business Process Optimization Using Lean Six Sigma

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 [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
• Quality managers
• Statistical analysts
• Project managers
• Business analysts

SCHEDULE: Saturday, September 15, 9 a.m.–4 p.m. through Thursday, December 13, 2018, 7–8 p.m. (This program meets for one all-day Saturday session followed by virtual and in-person class meetings on Thursday evenings.)
LOCATION: Five in-class sessions at Arsht Hall, 2700 Pennsylvania Ave., Wilmington, Del., and nine virtual sessions.
PRICE: $2,295, textbooks included. Discounts and financial assistance options available.
pcs.udel.edu/sixsigma
NEW! Human Resources Foundation and aPHR™ Certification Exam Prep

Acquire the foundational knowledge and skills needed to work in the HR field

Human resources professionals have always been an important part of the fabric of any business or organization, regardless of size. This course teaches the foundational skills needed for a career in the HR field. In addition, it will prepare you for the HRCP’s Associate Professional in Human Resources™ (aPHR™) certification exam. As the first-ever certification designed for professionals just beginning their HR career journey, the aPHR® proves your knowledge of foundational human resources concepts and skills.

WHO SHOULD PARTICIPATE?
- Professionals embarking on a new HR career
- Recent college graduates
- Military personnel planning for transition to a civilian profession
- Working professionals seeking a career transition into the HR field
- Any professional who assists with HR duties as part of their job
- Managers wanting to become more strategic by learning about HR operations
- Anyone interested in taking the HRCP’s aPHR™ certification exam

SCHEDULE: Wednesdays, September 26–November 7, 2018, 6:30–9:15 p.m.

LOCATION: 501 South College Ave., Newark, Del.

PRICE: $1,195. Registration fee also includes access to online resources for certification exam preparation. Discounts and financial assistance options available.

pcs.udel.edu/hr-exam-prep

Professional Drone Pilot Training Academy

Acquire the foundational knowledge and skills needed to work in the HR field

Human resources professionals have always been an important part of the fabric of any business or organization, regardless of size. This course teaches the foundational skills needed for a career in the HR field. In addition, it will prepare you for the HRCP’s Associate Professional in Human Resources™ (aPHR™) certification exam. As the first-ever certification designed for professionals just beginning their HR career journey, the aPHR® proves your knowledge of foundational human resources concepts and skills.

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PRICE: $1,195. Registration fee also includes access to online resources for certification exam preparation. Discounts and financial assistance options available.

pcs.udel.edu/hr-exam-prep

Professional Drone Pilot: Foundations of Flight

Ready to fly your drone?

Learn the basics of flying small unmanned aircraft systems (UAS). Topics include familiarization with various aircraft and system components, basic flight planning, safe flight deck setup and operations, basic flight maneuvers, emergency procedures, autonomous flight mode options, multi-aircraft mission design, and effective programmatic record keeping. Students will become familiar with and receive individual hands-on flight time with a variety of aircraft systems, such as the DJI Mavic, DJI Phantom 4 Pro, DJI Inspire 1, and DJI Matrice 200.

SCHEDULE: Saturday, August 11 and Sunday, August 12, 2018, 8:30 a.m.–5 p.m.

LOCATION: Arsh Hall, 2700 Pennsylvania Ave., Wilmington, Del.

PRICE: $995

ADVANCED CLASSES

For advanced drone users, the following courses require an FAA Part 107 remote pilot certificate.

Professional Drone Pilot: Matrice M210 Operator Proficiency

Master the DJI M210 platform

In this intensive two-day, hands-on course, operators will become proficient on the DJI M210 platform (the No. 1 multipurpose industrial-grade drone serving both first responders and companies), the X4S, X5S, Z30 and XT payloads; DJI flight control software, Pilot App; and safe flight maneuvers for failsafe situations.

SCHEDULE: Choose one of two offerings:
Saturday, September 8 and Sunday, September 9, 2018 OR
Saturday, October 6 and Sunday, October 7, 2018, 8:30 a.m.–5 p.m.

LOCATION: Arsh Hall, 2700 Pennsylvania Ave., Wilmington, Del.

PRICE: $1,995

(See page 6 for more information.)
Sambhavi Parajuli
Analytics: Optimizing Big Data Certificate

Not only did Sambhavi Parajuli’s project “Prediction of survivability rate of breast cancer patients” enable her to earn an Analytics: Optimizing Big Data Certificate in December 2016, but it played a major role in helping her land a job with Delaware Health and Social Services (DHSS) as an analytics consultant for IBM Watson Health.

As a final requirement for the certificate, students apply the concepts and techniques learned throughout the course to a case study project, which incorporates the use of a current data problem they would like to solve. Having lost her father to leukemia, Parajuli knew she wanted to work on something related to cancer.

She brought a printout of her work to the interview and the hiring team was impressed. The interviewer went through the presentation and, although he said she would hear back in a month, Parajuli received a call the next morning and was hired.

“I am enjoying my job because it is all about healthcare data,” said Parajuli. “I really enjoy working with data, going deep down and analyzing it.”

A native of Nepal, Parajuli came to the United States in 2012. Her family moved to Delaware in 2015, and she was ready to re-enter the workforce after taking some time to raise her son and daughter. Seeking to enhance her skills, a Google search took her to CIO.com, which listed UD’s program as one of 19 big data certifications that will pay off.

“All three of the instructors were very good, and I really liked them,” said Parajuli. “I am definitely implementing what I learned at UD into my work. I have recommended the program to some of my friends.”
Professional Drone Pilot: D3P™ Drone Program Manager Proficiency Training

Want to run a drone fleet in your organization?

UAV are only a small piece of a drone program. Along with having technical proficiency, managing a fleet of drones requires an understanding of federal, state and local laws and regulations. This course covers the main aspects of program management that must be addressed prior to launching a program and discusses maintaining it once it becomes operational. Intended as a starting point for the creation of a successful drone program, students will receive hands-on knowledge of the DJI Flight System via Drone Program Point Person (D3P™) training.

**SCHEDULE:** Saturday, December 1, 1–9 p.m. and Sunday, December 2, 2018, 8:30 a.m.–5 p.m.

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

**PRICE:** $1,995

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Professional Drone Pilot: Night Operations and Thermal Imaging

Operate your drone in the dark

Students learn the basics of night operations and thermal imaging utilizing small unmanned aircraft systems (UAS). Led by certified thermographers, this course provides an overview of regulations pertaining to flying UAS after dark, discussion regarding how to perceive the operating environment safely during nighttime operations, and lessons on the fundamentals of accurate thermal imaging and data interpretation. Various aircraft (such as the DJI Mavic, DJI Phantom 4 Pro, DJI Inspire, DJI Matrice 200 and DJI Matrice 210) are used during individual hands-on flight training sessions.

**SCHEDULE:** Saturday, November 4, 8:30 a.m.–5 p.m.

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

**PRICE:** $1,495

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**Course | In-Class**

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

**PRICE:** $1,495
PMP®/CAPM® Exam Prep: Project Management Professional® (PMP)/Certified Associate in Project Management® (CAPM)

An intensive two-day combined exam preparation course concentrating on preparation for two levels of Project Management Institute (PMI®) certifications:

- Certified Associate in Project Management (CAPM®) examination
- Project Management Professional (PMP®) examination

Focus is on the knowledge areas documented in the PMI® A Guide to the Project Management Body of Knowledge, Sixth Edition and the Agile Practice Guide.

SCHEDULE: Wednesdays, September 5–October 24, 2018, 6–9:15 p.m.

LOCATION: Five in-class sessions at Arsht Hall, 2700 Pennsylvania Ave., Wilmington, Del., in addition to three virtual/online sessions.

PRICE: $995. Discounts and financial assistance options available.

NEW! Advanced Social Media Marketing for Business Certificate

With tools like Facebook, Twitter, LinkedIn, Google+, Instagram, Snapchat, YouTube, Pinterest, Swarm, Tumblr, Houzz and Yelp, the social landscape is evolving rapidly. As a result, organizations are looking to leverage these social media platforms as powerful additions and alternatives to traditional marketing.

This new course teaches students with fundamental social media marketing skills to effectively research, plan, develop, integrate and execute comprehensive social media marketing strategies, integrated campaigns, targeted content and paid placement, and then measure their success. Students learn to drive engagement through targeted, innovative social media marketing campaigns. Group projects provide in-depth, hands-on exploration of current platforms, tools and methodologies for creating, executing and evaluating goal-oriented social media marketing strategies.

WHO SHOULD PARTICIPATE?
- Aspiring and current social media managers
- Marketing and communication professionals
- Consultants
- Nonprofit employees and volunteers
- Business owners
- Anyone looking to start a social media marketing business

SCHEDULE: Tuesdays and Thursdays, August 28–December 11, 2018, 6-8:15 p.m.

LOCATION: Six in-class sessions at Arsht Hall, 2700 Pennsylvania Ave., Wilmington, Del., in addition to 24 virtual/online sessions.

PRICE: $3,495. Discounts and financial assistance options available.

NEW! Fundamentals of Social Media Marketing Certificate

Learn to leverage eight social media platforms to:
- Build and extend brand awareness
- Increase visibility
- Converse with prospects and customers
- Cultivate brand ambassadors
- Gain market share
- Support organizational goals

Social media platforms covered:
- Facebook
- Instagram
- Twitter
- Snapchat
- LinkedIn
- YouTube
- Google+
- Pinterest

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WHO SHOULD PARTICIPATE?
- Marketing professionals
- Individuals looking to use social media for business
- Consultants
- Communication professionals
- Nonprofit employees and volunteers
- Business owners
- Recent college graduates

SCHEDULE: Summer 2018: Saturday, July 14 and 21, 2018, 8:30 a.m.–4:30 p.m.
- Winter 2019: Saturday, January 26 and February 2, 2019, 8:30 a.m.–4:30 p.m.

LOCATION: 501 South College Ave., Newark, Del.

PRICE: $995, textbooks included. Discounts and financial assistance options available.

pcs.udel.edu/socialmedia
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 27.

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 27.

DEGREE | ONLINE

Master of Education in Exceptional Children and Youth (M.Ed.)

Online graduate degree program preparing teachers to meet the academic, social and behavioral needs of students with exceptional learning needs across all grade levels. See page 27.

DEGREE | ONLINE

Master of Education in Literacy (M.Ed.)

Online graduate degree program preparing teachers for certification and career opportunities as reading or literacy specialists in their schools and districts. See page 27.

COURSE | IN-CLASS

Alternative Routes to Teacher Certification (ARTC)

ARTC offers an alternative to traditional teacher certification in Delaware. Through ARTC, qualified individuals complete certification requirements while employed as full-time teachers, through education coursework and intensive, school-based supervision and mentoring. For details, see artc.udel.edu.

UD’s College of Education and Human Development provides a variety of teacher training programs including the Alternative Routes to Certification (ARTC) program.

UD program provides alternative path to teacher certification

Across the nation, schools are perennially challenged to find enough certified teachers in critical high-need subjects and specialties. In Delaware, those critical subjects include math, science, world languages, secondary special education and teaching English language learners, among others.

For the past 20 years, the University of Delaware’s Alternative Routes to Certification (ARTC) program has helped address those needs by providing an alternative to the traditional route to teacher certification in Delaware and by assisting qualified professionals wishing to pursue careers in teaching.

“Schools throughout Delaware, particularly high-need schools, have increasingly relied on the ARTC talent pool to staff hard-to-fill openings,” said Frank Livoy, associate director for the Delaware Center for Teacher Education. In response to the ongoing need, ARTC has more recently expanded its alternative certification pathways to include library/media specialists and specialized subjects like dance, theatre, culinary arts and agriculture science, added Livoy.

The route to certification starts with ARTC helping to identify and recruit highly qualified teaching candidates and then guiding them through the process of finding a teaching position in Delaware. Candidates must have a bachelor’s degree from a regionally accredited college, a concentration of credits in a critical needs subject area or closely-related field, and a minimum 3.0 grade point average.

New ARTC teachers complete certification requirements while employed full-time in a Delaware public, charter or parochial school, concurrently participating in a program of education coursework and intensive, school-based supervision and mentoring. ARTC candidates can typically earn a teaching certificate in two years.

The ARTC program, offered through UD’s College of Education and Human Development, is a collaboration among the Delaware Department of Education, Delaware schools and the University of Delaware. The program currently enrolls 90 to 120 new teachers each year.

For more information about ARTC, visit artc.udel.edu, call 302-831-1100 or contact Frank Livoy at livoy@udel.edu.
Paul Soper
Master of Science in Computer Science
Over 60 Tuition-Free Degree Program

"After retiring from a 33-year career as a research chemist with DuPont, I enrolled at the University of Delaware through the Over 60 Tuition-Free Degree Program. I had been out of school for a long time and had some concerns, which were quickly alleviated. Although I was occasionally mistaken for a professor, everyone was very cooperative and nobody looked at me like ‘what the heck is he doing here?’ The tools have changed considerably, but it really wasn’t that big of a deal. Most of the professors are still essentially teaching the way I remembered. They are just using PowerPoint presentations instead of overheads.

It was interesting taking classes with students more than 40 years younger than me. I didn’t try to pretend I was 18 years old, but I made sure that I always treated my fellow classmates as peers.

Thanks to UD’s Over 60 Tuition-Free Degree Program, I graduated with a master’s degree in computer science at the age of 66 and am beginning a second career. From the ACCESS Center to admissions to my professors to my fellow students, everyone was so kind, helpful and supportive. It was a wonderful opportunity."

Paul Soper has accepted a position with the Army Materiel Systems Analysis Activity at Aberdeen Proving Ground. He recently completed UD’s master of science degree in computer science.
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 28.

CERTIFICATE PROGRAM | ONLINE

Composite Manufacturing and Engineering Certificate
Online graduate certificate program intended to provide the practicing engineer a strong foundation in the processing-structure-property relations in advanced fiber composites. See page 28.

CERTIFICATE PROGRAM | ONLINE

Graduate Certificate in Cybersecurity
Online graduate certificate for undergraduates in engineering, computer engineering, computer science, mathematics, physics or related disciplines. See page 28.

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 to 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: Fall 2018
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.
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

DEGREE | ONLINE

Master of Science in Mechanical Engineering (MSME)
Covers not only the foundations of solid mechanics, fluid mechanics, heat transfer and dynamics but also allows for the choice of electives in diverse areas, including biomechanics, clean energy and environment, composite materials and manufacturing, energy-efficient mobility systems and smart cities, robotics and controls and more. See page 28.

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 28.

CERTIFICATE PROGRAM | ONLINE

Graduate Certificate in Applied Bioinformatics
Online graduate certificate program aimed at working professionals in the life sciences or in the data and computational sciences who wish to gain knowledge and practical experience in bioinformatics. See page 27.

 pcs.udel.edu • 302-831-7600 (Noncredit inquiries) • 302-831-8843 (Credit inquiries/adviseent)
Healthcare/health sciences programs

CERTIFICATE PROGRAM | ONLINE

Advanced Telehealth Coordinator Online Certificate

Learn to coordinate telehealth technologies to improve access to healthcare specialties and services

Telehealth initiatives hold exciting potential to address healthcare access issues in Delaware and the region resulting from shortfalls in critical healthcare specialties and accessibility issues in underserved 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 provides the foundations of telehealth for participants interested in utilizing telehealth for the delivery of healthcare.

WHO SHOULD PARTICIPATE?
Clinicians and administrators from a wide variety of healthcare disciplines within behavioral and medical healthcare, including:
- Physicians, dentists, dental hygienists
- Physician assistants
- Nurse practitioners
- Nurses
- Counselors
- Social workers
- Physical therapists
- Occupational therapists
- Speech therapists

SCHEDULE: August 27 – December 3, 2018
(self-paced online course with some scheduled requirem ents and assignm ents)

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

4.5 Continuing Education Units

The Medical Society of Delaware designates this live continuing medical education activity for a maximum of 45 AMA PRA Category 1 credits.

pcs.udel.edu/telehealth

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, data management and more. Employment settings include pharmaceutical, biotechnology, medical device companies, contract research, hospitals, educational institutions and independent contractors. This program covers site management, data management, 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. For exam details, including eligibility requirements, visit acrpnet.org.

WHO SHOULD PARTICIPATE?
- Clinicians and other professionals currently involved in the clinical trials process
- Professionals with a strong science or healthcare-related background wishing to expand their knowledge in the clinical trials field

SCHEDULE: September 10 – December 10
(self-paced, online course with some scheduled requirem ents and assignm ents)

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

2.0 Continuing Education Units

pcs.udel.edu/ctm

FREE IN-PERSON INFORMATION SESSION

Thursday, July 19
6–8 p.m.
Arsht Hall
2700 Pennsylvania Avenue
Wilmington, DE 19806

Attendance and refreshments are free. RSVPs are requested.

pcs.udel.edu/info-session

VIRTUAL INFORMATION SESSIONS FOR ONLINE HEALTHCARE PROGRAMS

Advanced Telehealth Coordinator Online Certificate
August 2, 2018
6–7 p.m. (EST)

Clinical Trials Management Online Certificate
August 1, 2018
6–7 p.m. (EST)

Essentials of Clinical Sleep Health and Education Online Course
August 2, 2018
4–5 p.m. (EST)

Healthcare Risk Management Online Course
August 1, 2018
4–5 p.m. (EST)

Learn more about these online programs at a virtual information session. The sessions are free, but RSVPs are requested. Visit pcs.udel.edu/health for details.
Jack Berberian
Advanced Telehealth Coordinator Certificate

"The data is undeniable: due to the advance of technology, medicine, instruments, adoption of laws and demand from the industry, the telehealth field will inevitably grow much faster than most anticipate. I was motivated to seek out telehealth training in order to stay ahead of the curve in the field, with the goal of working as a team with the rest of industry to allow technology and assets to be securely accessed, ultimately providing greater access to patient care.

Our organization is already hearing from healthcare providers wishing to implement telehealth. But many may not know which technology to use, how they will get paid or what the security and privacy requirements are. They may not be considering special issues like room setup, staging, camera position, etc.

UD’s program is an absolute must for healthcare professionals, IT teams, and basically everyone in healthcare that wants to learn about the history, current trends and future developments.

Being a part of the health technology field, cutting edge developments are constant, and keeping up with the evolution causes me to stay alert, focused and always learning. This class was one of the best investments I have made in myself and the company as it relates to education and telehealth."

Jack Berberian is the co-founder and CEO of SecureNetMD, a health IT company based in Lewes, Del. A lawyer and entrepreneur, Berberian was instrumental in the development and startup of LegalZoom.com. He recently completed the University of Delaware’s Advanced Telehealth Coordinator Certificate program.
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. This year’s topics include endodontics, infection control, opioids, pain management and risk management.

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

SCHEDULE: Monday–Friday, July 23–July 27, 2018, 8 a.m.–noon

LOCATION: Rehoboth Beach Convention Center, Rehoboth Beach, Del.

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); $80 students (weekly or daily). Registration includes program materials, certificates of attendance, and continental breakfast. Participants assume responsibility for lodging and all other meals.

pcs.udel.edu/dental

CERTIFICATE PROGRAM | ONLINE

Dietetic Internship Certificate Program

An online post-baccalaureate program for graduates of a didactic program in dietetics (DPD) meeting the internship requirement for registered dietitians. See page 29.

DEGREE | HYBRID-ONLINE

Doctor of Nursing Practice

A hybrid online and classroom-based program with post-baccalaureate and post-master’s options. See page 29.

 pcs.udel.edu • 302-831-7600 (Noncredit inquiries) • 302-831-8843 (Credit inquiries/ advisement)
**COURSE | ONLINE**

**Healthcare Risk Management Online Course**

**Influence change through patient safety**

The field of healthcare 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 healthcare 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-healthcare settings; employee/employer risk
- Risk financing, insurance and contracts

This course provides you with some of the tools to prepare for the Certified Professional in Healthcare Risk Management (CPHRM) exam. For details about the exam, including eligibility requirements, visit ashrm.org.

**WHO SHOULD PARTICIPATE?**

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

**SCHEDULE:** August 27–November 5, 2018

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

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

1.46 Continuing Education Units

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

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**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:** Saturday, February 23, 2019,

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 early-bird rate available.

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

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**CERTIFICATE PROGRAM | HYBRID-ONLINE**

**Molecular Diagnostics Certificate**

Hybrid online plus campus-based certificate program designed for medical laboratory scientists working in the clinical laboratory or in the fields of forensics, biotechnology and pharmaceutics. See page 29.
Nursing Home Administration Regulations Course

Comprehensive coverage of regulations regarding long-term care facilities

As the U.S. population ages, the number of individuals requiring short or long stays in nursing homes and long-term care facilities will continue to rise. In this environment it is essential that healthcare leaders and others involved in senior care maintain compliance with current regulations while striving to provide high-quality, cost-effective care to residents and families.

This course provides students with an understanding of the regulations that govern long-term care facilities as well as the rationale behind the regulation in order for participants to fully integrate these rules into practice. Participants will be challenged to identify interventions that improve the current delivery of long-term care services in the community and to find ways to improve the nursing, psychosocial and medical care affecting residents, families and staff.

The program emphasizes relevant federal and Delaware regulations and focuses on their impact on the delivery of resident care.

Application is being made for continuing education credits through the National Association of Long Term Care Administrator Boards (NAB), the nation’s leading credentialing organization for licensing, credentialing and regulating long-term care facility administrators.

WHO SHOULD PARTICIPATE?
• Nursing home or assisted living administrators
• Professionals seeking licensure in nursing home administration
• Business leaders interested in elder care
• Nursing home surveyors, inspectors or ombudsmen
• Social workers or counselors
• Nurses and nurse practitioners
• Anyone working in aging or elder care services
• Assisted living professionals
• Home health agency or adult care providers

SCHEDULE: Mondays, September 17–October 22, 2018, 6–9 p.m.
LOCATION: 501 South College Ave., Newark, Del.

PRICE: $995. Discounts and financial assistance options available. It is recommended that students download the federal regulations and State of Delaware regulations and have them available to reference in class.

pcs.udel.edu/nursing-home-administration

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? Do you 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 course is designed to help you expand your nursing options.

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 adult medical-surgical clinical experience in an 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 awarded for successful completion of the didactic component for nurses holding active licensure

SCHEDULE: 15-week didactic component begins August 29, 2018. Optional clinical component immediately follows and must be completed by February 28, 2019.
Application required. Please submit application early.

PRICE: $950 course fee (early registration discount offered); $200 clinical administration fee. Textbooks additional (approximately $250). Discounts and financial assistance options available.

pcs.udel.edu/rn-refresher

RN to BSN Program

Online program for registered nurses wishing to earn a bachelor of science in nursing. See page 26.
<table>
<thead>
<tr>
<th>SUBJECT/IT/DRONE</th>
<th>PROGRAM</th>
<th>DATES</th>
<th>LOCATION</th>
<th>PRICE</th>
<th>DELIVERY METHOD</th>
<th>FORMAT</th>
<th>PAGE NO.</th>
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<tbody>
<tr>
<td></td>
<td>Business Essentials</td>
<td>Thurs., Sept. 20, 9 a.m.–4 p.m. through Thurs., Dec. 13, 7–8 p.m.</td>
<td>5 in-class at Arsht Hall; 9 virtual/online classes</td>
<td>$2,295</td>
<td>Hybrid</td>
<td>Certificate</td>
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<tr>
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<td>Human Resources Foundation and aPHR® Certification Exam Prep</td>
<td>Wed., Sept. 26–Nov. 7, 6:30–9:15 p.m.</td>
<td>Newark</td>
<td>$1,195</td>
<td>In-classroom</td>
<td>Course</td>
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<td>Professional Drone Pilot: Ground School and FAA Part 107 Test Prep</td>
<td>Sat., July 28 and Sun., July 29, 8:30 a.m.–5 p.m.</td>
<td>Wilmington</td>
<td>$395</td>
<td>In-classroom</td>
<td>Course</td>
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<tr>
<td></td>
<td>Professional Drone Pilot: Foundations of Flight</td>
<td>Sat., August 11 and Sun., Aug. 12, 8:30 a.m.–5 p.m.</td>
<td>Wilmington</td>
<td>$995</td>
<td>In-classroom</td>
<td>Course</td>
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<tr>
<td></td>
<td>Professional Drone Pilot: Matrice M210 Operator Proficiency</td>
<td>Sat., Sept. 8 and Sun., Sept. 9, or Sat., Oct. 6 and Sun., Oct. 7, 2018, 8:30 a.m.–5 p.m.</td>
<td>Wilmington</td>
<td>$1,995</td>
<td>In-classroom</td>
<td>Course</td>
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<td>Professional Drone Pilot: D3PP® Drone Program Manager Proficiency Training</td>
<td>Sat., Nov. 3 and Sun., Nov. 4, 2018, 8:30 a.m.–5 p.m.</td>
<td>Wilmington</td>
<td>$1,995</td>
<td>In-classroom</td>
<td>Course</td>
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<tr>
<td></td>
<td>Professional Drone Pilot: Night Operations and Thermal Imaging</td>
<td>Sat., Dec. 1, 1-9 p.m. and Sun., Dec. 2, 8:30 a.m.–5 p.m.</td>
<td>Wilmington</td>
<td>$1,495</td>
<td>In-classroom</td>
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<td></td>
<td>Master of Business Administration</td>
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<td>Master of Public Administration</td>
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<td>Degree</td>
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<td>Master of Science in Applied Statistics (M.S.)</td>
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<td></td>
<td>Online</td>
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<td></td>
<td>Master of Science in International Business (M.S.)</td>
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<td>Project Management Certificate</td>
<td>Tues., Wed., Sept. 18–Dec. 18, 6–9:15 p.m.</td>
<td>Newark</td>
<td>$2,595</td>
<td>In-classroom</td>
<td>Certificate</td>
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<td>Tues., Wed., Sept. 12–Dec. 12, 6–9:15 p.m.</td>
<td>Wilmington</td>
<td>$2,595</td>
<td>In-classroom</td>
<td>Certificate</td>
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<td>Project Management Exam Prep: PMP/CAPM</td>
<td>Sat., July 14 and 21, 8:30 a.m.–4:30 p.m.</td>
<td>Newark</td>
<td>$995</td>
<td>In-classroom</td>
<td>Course</td>
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<td>Sat., Jan. 26 and Feb. 2, 8:30 a.m.–4:30 p.m.</td>
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<td>Fundamentals of Social Media Marketing</td>
<td>Wed., Sept. 5–October 24, 6–9:15 p.m.</td>
<td>5 in-class at Arsht Hall; 3 virtual/online classes</td>
<td>$995</td>
<td>Hybrid</td>
<td>Certificate</td>
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<td></td>
<td>Advanced Social Media Marketing for Business</td>
<td>Tues. and Thurs., Aug. 28–Dec. 11, 6–8:15 p.m.</td>
<td>6 in-class at Arsht Hall; 24 virtual/online classes</td>
<td>$3,495</td>
<td>Hybrid</td>
<td>Certificate</td>
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<td>Socially Responsible and Sustainable Business Short Courses</td>
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<td>EDUCATION</td>
<td>Master of Arts in Economics and Entrepreneurship for Educators</td>
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<td>Master of Education in Literacy (M.Ed.)</td>
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<td>Alternative Routes to Teacher Certification (ARTC)</td>
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<td>ENGINEERING &amp; SCIENCE</td>
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<td>Graduate Certificate Program in Composite Manufacturing and Engineering</td>
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<td>Graduate Certificate in Cybersecurity</td>
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<td>Management Essentials for Engineers and Scientists</td>
<td>Fall 2018</td>
<td>Newark</td>
<td>In-classroom</td>
<td>Course</td>
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<td>Master of Science in Cybersecurity</td>
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<td>Master of Science in Electrical and Computer Engineering</td>
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<td>Master of Science in Mechanical Engineering</td>
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<td>Railroad Engineering Certificate</td>
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<td>Graduate Certificate in Applied Bioinformatics</td>
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<td></td>
<td>Advanced Telehealth Coordinator</td>
<td>Aug. 27-Dec. 3</td>
<td></td>
<td></td>
<td>$1,495</td>
<td>Online Certificate</td>
<td>11</td>
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<tr>
<td></td>
<td>Clinical Trials Management</td>
<td>Sept. 10-Dec. 10</td>
<td></td>
<td></td>
<td>$2,125</td>
<td>Online Certificate</td>
<td>11</td>
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<tr>
<td></td>
<td>Continuing Dental Education Summer Symposium</td>
<td>Mon.-Fri., July 23–27, 8 a.m.–noon</td>
<td>Rehoboth Beach</td>
<td>See page 12.</td>
<td>On-site Conference</td>
<td>13</td>
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<tr>
<td></td>
<td>Dietetic Internship</td>
<td></td>
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<td>Online Certificate</td>
<td>29</td>
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<tr>
<td></td>
<td>Doctor of Nursing Practice</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Online Degree</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>42nd Annual Eastern Shore Medical Symposium</td>
<td>June 17–21, 2019, 7 a.m.–12:30 p.m.</td>
<td>Rehoboth Beach</td>
<td>See page 12.</td>
<td>On-site Conference</td>
<td>13</td>
<td></td>
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<tr>
<td></td>
<td>Essentials of Clinical Sleep Health and Education</td>
<td>Sept. 10-Oct. 26</td>
<td></td>
<td></td>
<td>$595</td>
<td>Online Course</td>
<td>13</td>
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<tr>
<td></td>
<td>Healthcare Risk Management</td>
<td>Aug. 27-Nov. 5</td>
<td></td>
<td></td>
<td>$925</td>
<td>Online Course</td>
<td>14</td>
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<tr>
<td></td>
<td>Medical Aspects of Sports</td>
<td>Sat., Feb. 23, 2019, 7 a.m.–4:15 p.m.</td>
<td>Newark</td>
<td>$215</td>
<td>In-classroom Course</td>
<td>14</td>
<td></td>
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<tr>
<td></td>
<td>Molecular Diagnostics</td>
<td></td>
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<td></td>
<td>Online Certificate</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>Nursing Home Administration Regulations</td>
<td>Mon., Sept. 17–Oct. 22, 6–9 p.m.</td>
<td>Newark</td>
<td>$995</td>
<td>In-classroom Course</td>
<td>14</td>
<td></td>
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<tr>
<td></td>
<td>RN Refresher</td>
<td>Starts Aug. 29</td>
<td></td>
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<td>Online Degree</td>
<td>15</td>
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<td></td>
<td>RN to BSN Program</td>
<td></td>
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<td>Online Certificate</td>
<td>26</td>
</tr>
<tr>
<td>LAW</td>
<td>LSAT Prep</td>
<td>Tues., Thurs., Aug. 2–Sept. 4, 6–9 p.m.</td>
<td>Newark</td>
<td>$995</td>
<td>In-classroom Course</td>
<td>25</td>
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<td></td>
<td>LSAT Free Strategy Session</td>
<td>Tues., Sept. 18, 6–7:30 p.m.</td>
<td>Newark</td>
<td></td>
<td>In-classroom Course</td>
<td>25</td>
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<tr>
<td></td>
<td>Paralegal Certificate</td>
<td>Mon.-Wed., Sept. 5, 2018–July 22, 2019, 6–9 p.m.</td>
<td>Wilmington</td>
<td>$3,650</td>
<td>In-classroom Certificate</td>
<td>19</td>
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<tr>
<td>SAFETY</td>
<td>Certified Occupational Safety Specialist (CROSS)</td>
<td>Mon.-Fri., July 23–27 OR Mon.-Fri., Oct. 22–26, 8 a.m.–5 p.m.</td>
<td>Newark</td>
<td>$2,649</td>
<td>In-classroom Course</td>
<td>22</td>
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<td></td>
<td>Certificate for Occupational Safety Managers (COSM)</td>
<td>Mon.,–Fri., Nov. 5–9, 8 a.m.–5 p.m.</td>
<td>Newark</td>
<td>$2,749</td>
<td>In-classroom Course</td>
<td>22</td>
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<td></td>
<td>Safe Supervisor</td>
<td>TBD</td>
<td>Newark</td>
<td>$1,399</td>
<td>In-classroom Course</td>
<td>22</td>
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<td>TEST PREP</td>
<td>ACT Prep</td>
<td>Multiple live-online offerings; see pcs.udel.edu/sat-test-prep</td>
<td></td>
<td>$475</td>
<td>Course</td>
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<td></td>
<td>GRE Prep</td>
<td>Sept. 26–Oct. 24, 6–9 p.m. Multiple live-online offerings; see pcs.udel.edu/gre-test-prep</td>
<td></td>
<td>$895</td>
<td>Course</td>
<td>25</td>
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<td></td>
<td>GMAT Prep</td>
<td>Multiple live-online offerings; see pcs.udel.edu/gre-test-prep</td>
<td></td>
<td>$895</td>
<td>Course</td>
<td>25</td>
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<td></td>
<td>LSAT Prep</td>
<td>Tues., Thurs., Aug. 2–Sept. 4, 6–9 p.m. OR Tues., Thurs., Oct. 4–Nov. 6, 6–9 p.m. Multiple live-online offerings; see pcs.udel.edu/lsat-test-prep</td>
<td></td>
<td>$995</td>
<td>Course</td>
<td>25</td>
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<td></td>
<td>SAT Prep</td>
<td>Multiple live-online offerings; see pcs.udel.edu/sat-test-prep</td>
<td>Wilmington and Newark</td>
<td>$475</td>
<td>Course</td>
<td>25</td>
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<tr>
<td></td>
<td>SAT Blitz</td>
<td>Sun., Sept. 9–30, 1–5 p.m. OR Sat., Sept. 29–Oct. 20, 8:30 a.m.–12:30 p.m. OR Sat., Oct. 27–Nov. 17, 8:30 a.m.–12:30 p.m. OR Sun., Oct. 28–Nov. 18, 1–5 p.m. Multiple live-online offerings; see pcs.udel.edu/sat-test-prep</td>
<td></td>
<td>$475</td>
<td>Course</td>
<td>25</td>
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<td></td>
<td>SAT Summer Institute</td>
<td>Mon.–Thurs., July 16–19, 9 a.m.–3 p.m. OR Mon.–Thurs., July 23–26, 9 a.m.–3 p.m. OR Mon.–Thurs., July 30–Aug. 2, 9 a.m.–3 p.m. OR Mon.–Thurs., Aug. 6–9, 9 a.m.–3 p.m. Wilmington and Newark</td>
<td>$475</td>
<td>Course</td>
<td>25</td>
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Training paralegals for 40 years

The National Association of Legal Assistants traces the development of the paralegal career to the late 1960s, when law firms and individual practitioners were seeking to improve the efficient and cost-effective delivery of legal services. Assisting lawyers in this role, paralegals’ duties often include conducting legal research, preparing presentations, interviewing clients, drafting legal documents, and guiding law office administration.

The first paralegal training programs were established in the early 1970s, and the University of Delaware was near the forefront with the introduction of its curriculum in 1978. Led by experienced attorneys, the program allows students to earn the career credential in less than a year.

Supportive classmates
Students proceed through the program in a cohort, and the benefits from the relationships formed have proven to be invaluable. “Anything is possible to happen in someone’s life throughout the year, and it was nice to have that shoulder to lean on,” said Katie Eide, a 2014 graduate.

Thanks largely to a recommendation by one of her classmates, Sandra Kecce was able to land a job as a legal secretary with a Wilmington law firm, Swartz Campbell, before she even completed the program in 2003. Shortly after earning her certificate, Kecce was promoted to paralegal. “I was lucky because somebody I was actually taking the class with was able to get me into a firm,” said Kecce.

Paralegals do not just work for attorneys
As a result of the skills she was able to develop by performing transcription work for a criminal defense attorney at Swartz Campbell, the next chapter of Kecce’s career developed through ensuing freelance opportunities. She left the firm in 2016 to devote her full-time attention to her legal transcription business, Juris Scribe Services, and said it has been awesome ever since.

Katie Eide is an insurance coordinator for a construction company.
Eide also began her paralegal career working for an attorney before making a shift to her current position as an insurance coordinator for a construction company. Despite not having the word “paralegal” in her job title, she regularly utilizes the lessons learned at UD when working with insurance claims and dealing with attorneys.

According to the U.S. Bureau of Labor Statistics, employment of paralegals and legal assistants is projected to grow 15 percent from 2016 to 2026, much faster than the average for all occupations. Though private law firms are the largest employer of paralegals, Eide’s and Kecce’s careers are just two examples of other avenues that can be taken with the training. Opportunities exist with corporate legal departments, insurance companies, real estate and title insurance firms, community legal service programs, government agencies and consumer organizations.

While several students have utilized the program as a vehicle to prepare for law school, Carmen Jordan-Cox used it to help ready herself for a seat on the bench. A 2012 graduate, Jordan-Cox has been a magistrate in Delaware’s Justice of the Peace Court since 2015.

Increase in male enrollment
Although about 86 percent of the more than 400,000 paralegals and assistants in the United States are female, UD has been noticing a bit of an increase in male enrollment. While 2017 graduate Will Simons had an inkling his gender might make him a minority, it did not deter him.

“I don’t have any ideas of what should be a manly profession or a womanly profession,” said Simons. “I thought about being one of the few males in the class and the field, but I didn’t really care. I saw it, recognized it, and it has not been a big deal at all.”

After earning his bachelor’s degree from UD in 2016, Simons considered going to law school but was not quite ready to make the commitment, especially financially. Shortly after completing the program, he was hired as a paralegal for Legal Services Corporation of Delaware, a nonprofit law firm in downtown Wilmington. “Pretty much everything I learned in the classes has really helped me out in my job on a daily basis,” said Simons.

A field for all ages
Many of the students have been out of school for an extended period but quickly learn to make the adjustment to the classroom and the commitment required to be successful. “When you get to a certain age, you’re thinking, ‘Well this is it; I am doomed to be stuck in this field or job forever,’ but that is not necessarily true,” said Kecce.

Fueled by the confidence the paralegal classes provided her with, Eide is looking into pursuing her bachelor’s degree.

“The paralegal program not only helped me get a job, but it set a fire under me to just continue on,” said Eide. “It really helped me look at myself from a different perspective and see how the sacrifices I made paid off tenfold. My salary has increased and I am able to take care of my family. It was such a great experience and it took me out of my shell.”

Will Simons is a paralegal for Legal Services Corporation of Delaware.
Law programs

COURSE

LSAT Test Preparation

Intensive in-class or online test preparation and review tools to help you perform at your peak on the Law School Admission Test (LSAT). See page 25 for more information.

CERTIFICATE PROGRAM | IN-CLASS

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 40 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 Paralegal Association memberships

The University of Delaware’s Division of Professional and Continuing Studies is a sponsor of the Delaware Paralegal Association (DPA) and the Delaware County Paralegal Association (DCPA). We encourage participants in UD’s Paralegal Certificate program to join these associations at the student membership level.

Paralegal associations are a comprehensive resource committed to promoting and maintaining high standards within the legal community. They provide a forum for the exchange of information about the profession, enhance the role of paralegals in the legal community and encourage the continuing legal education of paralegals.

Association membership provides:
• Continuing legal education opportunities, including lecture luncheons
• Access to job openings with regional employment opportunities
• Access to newsletters and updates in the field
• Inclusion in their special projects, networking events and philanthropic activities
• Mentoring and networking with other paralegals
• Pro bono opportunities in the courts and the community

For more information about these associations, including membership details, visit www.deparalegals.org (DPA) and www.delcoparalegal.org (DCPA).

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 5, 2018–July 22, 2019, 6–9 p.m.

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

PRICE: $3,650, textbooks additional. Discounts and financial assistance options available.

23.4 Continuing Education Units

Paralegal Associations Discount

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

pcs.udel.edu/paralegal
Pre-college programs

UD credit courses for high school students

Individual Enrollment in UD Credit Courses

High school students interested in taking credit courses through Continuing Education are required to schedule an appointment to meet with an ACCESS Center academic advisor (see page 1). ACCESS advisors are available to answer questions, offer guidance and assistance with course selection and registration, and provide forms that need to be completed. Advisors are available to support students throughout the process.

INTERESTED IN GETTING STARTED?
Contact the ACCESS Center to make an appointment with an advisor prior to enrolling. 302-831-8843 • access-advice@udel.edu

UD Dual Enrollment: Earn College Credits While Still in High School

Qualified Delaware high school students can concurrently earn University of Delaware and high school credits through established partnerships with local high schools. Academically qualified juniors and seniors may register for designated courses through their participating Delaware high schools and:

- Earn college credits and high school credits at the same time
- Gain experience taking college-level courses
- Take courses not available at their schools
- Enhance their college applications

Online courses are one of the options for students in UD’s dual enrollment partnership program. Students may enroll in one or more of the designated online courses offered and taught by UD faculty. Although course offerings may change, typical offerings include:

ANTH 101: Introduction to Social and Cultural Anthropology
Major ideas and areas of study in social and cultural anthropology. Use of ethnographic data and film to illustrate the anthropologist’s view of societies in their sociocultural and ecological dimensions. (3 credits)

BISC 105: Human Heredity and Development
Heredity and human affairs; pedigree analysis; physical and chemical basis of heredity; heredity and environment; radiation and mutation; heredity and diseases; and birth defects. (3 credits)

HDFS 202: Diversity and Families
Examination of diverse families in the United States with a focus on issues of race, ethnicity, social class and gender. Emphasis is on the accelerating effects of globalization and social change. (3 credits)

NTDT 200: Nutrition Concepts
Functions and sources of nutrients, dietary adequacy, energy balance and metabolism with emphasis on health promotion. Includes weight control, evaluation of popular diets, vegetarianism, eating disorders, alcohol, and other current issues and concerns in nutrition. (3 credits)

HOW TO GET STARTED
Contact your school’s guidance office to find out if your school participates in UD Dual Enrollment.

pcs.udel.edu/high-school-dual-enrollment

Reading and study skills programs

UD PCS, in partnership with the Institute of Reading Development, offers reading skills programs for learners of all ages.

Summer reading programs for students in grade school and middle school are available in Dover, Middletown, Newark, Wilmington and other locations throughout the area, with follow-up programs offered online.

UD PCS also offers various reading programs for adults, high school students and college students. Speed reading and study skills programs enable students to double their reading speed, improve reading comprehension and learn new ways of reading and studying textbooks.

For details, visit pcs.udel.edu/reading or call the Institute of Reading Development (IRD) at 1-800-903-0162.

Summer Reading Skills Programs

Summer Reading Skills programs address the specific learning needs of readers at all ages, with instruction provided by experienced teachers. Between weekly lessons, students continue to build skills through interactive online instruction tailored to their reading level.

4-year-olds through entering third-graders—Fun programs focus on phonics, word-attack
skills, building comprehension, developing a love of books and reading, and becoming confident enthusiastic readers.

**Entering fourth- and fifth-graders**—Programs focus on students becoming skilled, enthusiastic readers with strong comprehension, including independent reading of enjoyable children’s novels. Increased focus on textbook and nonfiction reading.

**Entering sixth- through 11th-graders**—Programs focus on building stronger readers and better students, with emphasis on increased reading speed, improved comprehension, and how to effectively read and study textbooks.

**LOCATIONS:** Dover, Middletown, Newark, Wilmington

**SCHEDULE:** Summer 2018 programs meet one day a week for five weeks. Visit the website for available sessions and sign up for notifications and a discount.

**Speed Reading and Study Skills Programs**

Increase your effectiveness as a reader and a student in this two-weekend program designed for entering high school seniors, college students and adults. You will learn several speed reading techniques as well as comprehension, concentration and retention strategies. You will double your speed in materials ranging from novels to nonfiction, and learn how to adapt your approach based upon the type of material you’re reading and your purpose as a reader. In addition, you will be able to prepare for tests efficiently without extensive rereading.

You will cut the time you spend on required reading in half, and the reading you do for pleasure will be faster and more enjoyable.

Program graduates receive free lifetime repeat privileges at any of the 700 universities, colleges and other locations that offer the program nationwide.

**LOCATION:** Newark, Del., and online

**SCHEDULE:** Several sections are available; please call IRD for dates: 1-800-903-0162.

**College test prep: Earn higher ACT and SAT scores**

Standardized tests are crucial components of the college application process. The University of Delaware partners with Educational Testing Consultants (ETC), a leader in higher education test preparation, to offer intensive programs that provide students with the tools they need to excel. A limited number of need-based scholarships are available for students enrolling in test prep programs.

Varied schedules and formats available:
- Online
- Summer Institute
- Spring Break Institute
- Weekend Blitz Programs

Courses are offered in Newark, Wilmington and online. See page 25 for details.

[pcs.udel.edu/sat-test-prep](http://pcs.udel.edu/sat-test-prep)

**ACT Live-Online Test Prep**

This test prep course is an intensive program that provides students with the tools they need to excel on the ACT exam. See page 25.

**SAT Test Prep**

This test prep course is an intensive program that provides students with the tools they need to excel on the SAT exam. See page 25.
Safety programs

VIRTUAL INFORMATION SESSION

October 11, 2018
2–3 p.m. (EST)

COURSE | IN-CLASS

Certified Occupational Safety Specialist (COSS)

Become a trained safety practitioner

Developed by expert safety practitioners focused on the core competencies of occupational safety and health, the Certified Occupational Safety Specialist (COSS) designation is recognized nationwide for its rigorous standards and outstanding curriculum. COSS graduates are 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, healthcare, food, government, and human resources. Prerequisite: high school diploma or equivalent.

SCHEDULE: July 23–27 or October 22–26, 2018, 8 a.m.–5 p.m.
LOCATION: 501 South College Ave., Newark, Del.
PRICE: $2,649, course materials included.
UD alumni and GBCA discounts are available.
pcs.udel.edu/COSS

COURSE | IN-CLASS

Certificate for Occupational Safety Managers (COSM)

Advanced safety training for occupational safety professionals

This advanced, executive level safety program focuses on safety processes and procedures and building the safety culture to lead your company toward excellence.

Safety professionals and managers who have seen the difference training can make can take the next professional step in their careers with the COSM designation.

After completing 40 hours of training and submitting all assignments, participants will receive the COSM credential.

WHO SHOULD PARTICIPATE?
This program benefits all organizational safety leaders involved in processes and decision-making as well as other managers and professionals charged with workplace health and safety for their organizations. Prerequisite: minimum two years of safety, health or environmental work experience. Topics covered:

- Essentials of safety management
- Safety competencies and leadership
- Management roles and responsibilities
- Strategic planning and evaluating
- Managing risk (hazards and analysis), safety finances and workers’ compensation
- Communicating the safety message
- Presenting to high-level executives
- Injury management, incentives and discipline
- Claims and investigation in post-accident management

SCHEDULE: November 5–9, 2018, 8 a.m.–5 p.m.
LOCATION: 501 South College Ave., Newark, Del.
PRICE: $2,749, course materials included.
UD alumni and GBCA discounts are available.
pcs.udel.edu/COSM

COURSE | IN-CLASS

Safe Supervisor Training

Become a safety leader in your workplace

Achieving an injury-free workplace takes more than a catchy phrase or one individual championing the cause. Safety leaders understand the pivotal role that frontline supervisors play in shaping the safety mindset in the workforce and often wish that frontline supervisors understood this as well.

Safe Supervisor Training is a three-day course designed to enhance a supervisor’s understanding of the bigger picture of safety in creating a safer work environment. By learning how to promote safety on a job site, graduates have the knowledge to help reduce fatalities, near misses and OSHA citations. Offered in partnership with the Delaware Valley Safety Council. Topics covered:

- How exposures to hazards can lead to accidents
- Performance of a worksite analysis
- Recognizing hazards
- Determining potential effects of hazards
- Determining what the OSHA Code of Federal Regulations says regarding an identified hazard
- Determining how to control identified hazards
- Communicating hazard-related information
- Initiating an accident investigation
- Understanding some of the psychology that drives employees’ “unsafe” behaviors

SCHEDULE: September 10–12, 2018, 8 a.m.–5 p.m.
LOCATION: 501 South College Ave., Newark, Del.
PRICE: $1,399, course materials included.
UD alumni discount available.
pcs.udel.edu/safe-supervisor
Prior to passing the Federal Aviation Administration’s airman knowledge test and earning his FAA Part 107 remote pilot certificate, Brian Wagner’s roof inspections entailed daylong undertakings that required renting expensive equipment and enlisting the assistance of co-workers. Since passing the exam on his first try, the entire process has been reduced to about two hours of Wagner flying a drone by himself and never having his feet leave the ground.

“We paid for our drone and the class with one inspection,” said Wagner, a project manager for the Belcher Roofing Corporation in Montgomeryville, Pennsylvania. “Along with the dramatic savings in cost and time, it is much safer to do the inspections with a drone since we no longer need to have people climbing ladders and walking on roofs. You just fly it up there, take some pictures, and get some great results.”

Required certification
Wagner participated in the initial Professional Drone Pilot Training program offered by the University of Delaware’s Division of Professional and Continuing Studies (UD PCS) in March. The two-day class provided comprehensive flight training and prepared drone pilots for the FAA Part 107 exam.

Since legally flying a drone for commercial use requires an FAA Part 107 remote pilot certificate, Wagner welcomed the program’s format and short duration. “I had been playing around with a drone for a couple of months and trying to do some self-study, but there are only so many times I can watch a video online,” said Wagner. “The information in the class was clearly presented in layman’s terms, and all my questions were answered. It was great to be able to cover everything in two days.”

Geared toward many occupations
Wagner enjoyed having classmates from various professions in the program designed for first responders, investigators, insurance adjusters, real estate agents, reporters, filmmakers, producers, photographers, marketers, web designers, engineers, construction professionals, roofers and anybody else desiring to use drones for commercial or recreational purposes. “Everyone seemed to pick up the material pretty easily,” said Wagner. “Instead of trying to teach it to myself, I liked being able to talk with others about what we were learning and having someone explain what we need to know.”

Gain an edge on competitors
From a marketing perspective, Wagner believes the FAA Part 107 remote pilot certificate gives his company a leg up on the competition, and a great sales pitch, by being able to provide live images capturing the progress of roofing projects. “While other companies might get you some phone shots taken by someone standing on a roof, we can say, ‘look what we can do,’” he said.

Brian Wagner can now complete a roof inspection by himself in just two hours.
Organizations invited to apply for free support

Thanks to a pair of new programs offered by the University of Delaware’s Division of Professional and Continuing Studies (UD PCS), local nonprofit organizations will benefit from free social media marketing assistance.

Fundamentals and advanced classes offered

In both Fundamentals of Social Media Marketing and Advanced Social Media Marketing for Business, groups of students will participate in experiential learning assignments in which they help nonprofit organizations. The fundamentals class focuses on leveraging a variety of social media platforms to build and extend awareness, increase visibility, converse with prospects and customers, cultivate brand ambassadors, gain market share, and support organizational goals. The advanced class digs in deeper by researching, planning, developing, integrating and executing comprehensive social media marketing strategies, integrated campaigns, targeted content and paid placement, and then measuring success.

Nonprofit applications continuously accepted

“We are looking for organizations that at least have a presence on social media and have tried it,” said instructor Nancy Dibert. “Perhaps they post sporadically or maybe they abandon their sites, come back for a couple of posts, and then abandon them again. We are going to show them the benefits and return on investment of social media.” Dibert, a highly experienced social media marketing practitioner, is the founder and CEO of Epic Marketing Consultants Corporation.

While each section of Dibert’s fundamentals and advanced classes is limited to working with up to 15 and eight organizations, respectively, applications from interested nonprofit organizations are continuously accepted at pcs.udel.edu/socialmedia. Those selected are required to provide the class with access to their accounts and with organization imagery and logos.

Students and organizations benefit

Since social media platforms and associated social media marketing strategies and techniques evolve, UD PCS administrators revamped the social media marketing course that was last offered in spring 2017. Providing two levels of instruction along with market-based, experiential learning opportunities, the new programs provide broad and deep coverage of in-demand social media marketing skills. Delivering real-time assistance to nonprofit organizations is an integral component of the programs.

“Including nonprofit organizations in our new social media marketing classes creates a win-win for all involved,” said Vic Wang, UD PCS program coordinator. “Our students get the opportunity to learn by performing real work for organizations in need of assistance; the nonprofit organizations build their social media followerhip and receive powerful advice; and members of the public learn more about the services provided by the nonprofits.”

Both classes are conducted in a hybrid format consisting of a combination of face-to-face and online sessions. Communication between the workgroups and nonprofits is conducted virtually or in person at mutually convenient times.
Test prep programs

ACT, GRE, GMAT, LSAT, SAT Test Preparation Courses
pcs.udel.edu/test-prep

Intensive in-class or live-online 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, GMAT or LSAT for admission to graduate school or law school
• Anyone wishing to continue their education at the college/university or graduate level

PRICE: See website for current pricing and available discounts.

FINANCIAL AID AVAILABLE
Need-based financial aid is available for students enrolling in the ACT, SAT, GMAT, GRE or LSAT test prep programs. Applications are accepted on a rolling basis, with preference given to submissions received three weeks prior to the applicable course start date.

pcs.udel.edu/test-prep

TEST PREP FREE STRATEGY SESSIONS

GRE Strategy Workshop
September 5, 2018
6–7:30 p.m. • Newark, Del.

LSAT Strategy Workshop
September 18, 2018
6–7:30 p.m. • Newark, Del.

ACT
(Multiple live-online offerings)
pcs.udel.edu/sat-test-prep

GRE
September 26–October 24, 2018, 6–9 p.m.
(Multiple live-online offerings)
pcs.udel.edu/gre-test-prep

GMAT
(Multiple live-online offerings)
pcs.udel.edu/gre-test-prep/

LSAT
August 2–September 4, 2018, Tues./Thurs., 6–9 p.m.
October 4–November 6, 2018, Tues./Thurs., 6–9 p.m.
(Multiple live-online offerings)
pcs.udel.edu/lsat-test-prep

SAT
(Multiple live-online offerings)
Now in Wilmington and Newark!
See website for details.

SAT BLITZ
September 9–30, 2018, Sun., 1–5 p.m.
September 29–October 20, 2018, Sat., 8:30 a.m.–12:30 p.m.
October 27–November 17, 2018, Sat., 8:30 a.m.–12:30 p.m.
October 28–November 18, 2018, Sun., 1–5 p.m.
(Multiple live-online offerings)
pcs.udel.edu/sat-test-prep

SAT SUMMER INSTITUTE
(Five offerings)
July 9–12, 2018, Mon.–Thurs., 9 a.m.–3 p.m.
July 16–19, 2018, Mon.–Thurs., 9 a.m.–3 p.m.
July 23–26, 2018, Mon.–Thurs., 9 a.m.–3 p.m.
July 30–August 2, 2018, Mon.–Thurs., 9 a.m.–3 p.m.
August 6–9, 2018, Mon.–Thurs., 9 a.m.–3 p.m.
Discounts are available for veterans, Delaware residents, and UD students and alumni.

LOCATION: Courses offered on UD’s main campus in Newark, Del., and now at Arsht Hall, 2700 Pennsylvania Ave., Wilmington, Del., and online. See website for details.

CAPM/PMP Exam Prep
See page 7 for more information.

New! Human Resources Foundation and aPHR™ Certification Exam Prep
See page 4 for more information.
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 ideal solutions 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.

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 #33 nationally among top 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

Undergraduate degrees and certificates

Associate in Arts Online

The Associate in Arts Online is a liberal arts degree representing completion of approximately half of a University of Delaware bachelors degree 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
302-831-8843
pcs.udel.edu/associate-arts-online/

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

The University of Delaware School of Nursing's RN-to-BSN program provides licensed registered nurses the opportunity to earn their BSN degree through online study. Building on basic nursing knowledge to enhance nursing practice in an increasingly complex society, the curriculum further develops 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. Providing year-round learning opportunities for degree completion, courses are offered in fall, winter, spring and summer.

CONTACT: access-advise@udel.edu
302-831-8843
sites.udel.edu/nursing/nursing-education/

Certificate of Business Essentials

Through a combination of online and campus courses, this certificate offers students and working professionals within non-business fields the opportunity to earn a business-related certificate. This certificate 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
302-831-8843
pcs.udel.edu/essentials

Graduate degrees and certificates

BUSINESS

Master of Science in Applied Statistics

This program is designed for working professionals from a range of occupational and educational backgrounds. Students receive training in applied and theoretical statistics and graduate ready to excel in data careers.

CONTACT: 844-247-6251 • onlinestats@udel.edu
onlinestats.canr.udel.edu

Master of Business Administration (MBA)

The online MBA program allows participants to engage in experiential learning, 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 MBA to their resume in as few as 16 months, with electives in finance, healthcare and international business concentrations.

CONTACT: 844-247-6251 • onlinestats@udel.edu
onlinestats.canr.udel.edu
as well as a healthcare major. Choose from six start dates a year.
CONTACT: mbaprogram@udel.edu 844-237-1338 • mbaonline.udel.edu

Graduate Certificate in Socially Responsible and Sustainable Apparel Business
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 and provides the foundation needed to manage international production, design, product development, buying, promotion and sourcing 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

Master of Science in International Business
This degree prepares professionals for leadership in international business, with emphasis on strategic, financial and managerial roles. Participants customize their program with coursework drawn from accounting, economics, finance, marketing, entrepreneurship and analytics.
CONTACT: 844-237-1338 http://lerner.udel.edu/programs/specialized-graduate-programs/international-business-ms/

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 on preparing educators for teaching these subjects in elementary and secondary schools. The M.A.E.E.E. 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 Exceptional Children and Youth (M.Ed.)
With perennial teaching shortages in the field of special education, this program is aimed at developing teachers and education professionals committed to serving children and youth with disabilities. Two concentrations are available in K-12 Special Education and Autism/Severe Disabilities. This program is appropriate for teachers with a teaching certificate in either general or special education who wish to develop advanced knowledge and skills as well as other education professionals wishing to pursue an advanced degree in the disability field. Delaware teachers may pursue the M.Ed. or a five-course program that meets requirements for Delaware certification as a Teacher of Exceptional Children Grades K-12 or Teacher of Students with Autism or Severe Intellectual Disabilities.
CONTACT: kritchey@udel.edu www.education.udel.edu/masters/exc-online

Master of Education in Literacy (M.Ed.)
This program is designed for K-12 teachers who wish to prepare for certification as reading or literacy specialists. Current teachers and educators will study the theoretical and evidenced foundations of reading and writing development, learn to plan culturally and linguistically relevant literacy instruction for all students, and support students and teachers in the use of digital literacy tools. Career opportunities include reading and literacy specialist positions in school districts as well as English language arts (ELA) positions in K-12 schools.
CONTACT: karchmer@udel.edu www.education.udel.edu/masters/literacy/

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 to foster collaboration within the school and community and to 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 in Applied Bioinformatics
Bioinformatics is an emerging field where biological and computational disciplines converge, and the explosion of bioscience data is leading to job opportunities in rapidly growing fields like genomic medicine, pharmaceuticals, healthcare, agriculture and data analytics. This four-course program is aimed at working professionals in the life sciences or data sciences who wish to gain knowledge and practical experience in bioinformatics. Focused on real-world applications, students will learn in an interactive, experiential and multidisciplinary team environment from nationally and internationally renowned researchers and practitioners in the field. No previous programming or database experience is required, but a familiarity with molecular biology concepts is recommended.
CONTACT: bioinformatics@udel.edu bioinformatics.udel.edu/ABNF-CERT
Graduate Certificate Program in Composite Manufacturing and Engineering

Design rules for composite materials are fundamentally different than for traditional materials, with the engineer tailoring the material structure at the micro- and nano-scales to achieve the desired mechanical and physical properties. This program is intended to provide the practicing engineer a strong foundation in the processing-structure-property relations in advanced fiber composites. The University of Delaware’s Center for Composite Materials and Department of Mechanical Engineering are internationally recognized as leaders in composites research and education.

CONTACT: 302-831-8302 • enggoutreach@udel.edu outreach.engr.udel.edu/composite-certificates

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 outreach.engr.udel.edu/composite-certificates

Graduate Certificate in Cybersecurity

As cyber-systems become more integrated into society, the impact of cyber-attack increases, necessitating the need for cybersecurity research and education. The educational goals of this online graduate certificate are to impart cybersecurity best practices to professionals working in computing and related areas; provide a first step in students’ pursuit of a graduate degree in cybersecurity enabling them to become cybersecurity professionals; or serve as a first step in students’ pursuit of a Ph.D. in cybersecurity.

CONTACT: 302-831-2406 www.ece.udel.edu/graduate/cybersecurity-certificate.html

Graduate Certificate Program in Railroad Engineering

The railroad industry is growing and hiring qualified individuals into long-term, high-paying careers. 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 railroadengineering.engr.udel.edu/courses

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 www.ece.udel.edu/online/graduate/masters-in-cybersecurity-online.html

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 and computer 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 www.ece.udel.edu/online/graduate/msece-online.html

Master of Science in Mechanical Engineering (MSME)

This 100 percent online program is Accreditation Board for Engineering and Technology (ABET) accredited. Comprised of 30 credits, this program covers not only the foundations of solid mechanics, fluid mechanics, heat transfer and dynamics but also allows for the choice of electives in diverse areas, including biomechanics, clean energy and environment, composite materials and manufacturing, energy efficient mobility systems and smart cities, robotics and controls, and more. Program faculty are the same world class, awarded faculty who teach in the full-time, campus-based program.

CONTACT: enggoutreach@udel.edu me.udel.edu/academics/grad/msme.html
**NURSING/HEALTHCARE**

**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
www.udel.edu/bhan/dietetic

**Doctor of Nursing Practice (DNP)**

The University of Delaware's 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
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 pharmacuetics 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
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
www.sppa.udel.edu/grad-education/graduate-education/online-mpa

**Professional development and certificate programs**

**BUSINESS**

**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 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.

CONTACT: 302-831-7600 • SRS-Biz@udel.edu
www.pcs.udel.edu/srsb

**NURSING/HEALTHCARE**

**Advanced Telehealth Coordinator**

Provides the foundations of telehealth for participants interested in utilizing telehealth for the delivery of healthcare. See page 11.

**Clinical Trials Management**

Key competencies necessary for successfully understanding and conducting clinical trials and new product development processes in today’s environment. See page 11.

**Essentials of Clinical Sleep Health and Education**

Online course introducing healthcare professionals to the specialty of sleep medicine. See page 13.

**Healthcare Risk Management**

Online program providing an overview of risk management in the healthcare setting. See page 14.

**RN Refresher**

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

**Questions?**

Please visit online.udel.edu, write to continuing-ed@udel.edu or call 302-831-7600.
Learning is ageless!

Extending the University of Delaware’s reach beyond traditional, full-time undergraduate students and graduate students, UD PCS engages learners from age 4 to 94 (and beyond). Offering various types of education programs to elementary, middle and high school students, adults 55 years old and older, and everyone in between, UD PCS is proud to be the nontraditional learners’ portal to the University of Delaware.
4,596 Nontraditional Students Age 4-94+

Number of Students During 2017 (excluding UD Online and nonmatriculated credit students)

- 1,566 Learners (65-74)
- 1,074 Learners (75-84)
- 529 Learners (55-64)
- 265 Learners (45-54)
- 241 Learners (85-94+)

Programs: Reading | Test Prep/High School | Noncredit | OLLI | Conferences
Osher Lifelong Learning Institute

It’s your time to learn!
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, music, science and much more.

Register now for fall semester! Visit each website for registration information.

DOVER
www.olli.udel.edu/dover
Wyoming Church
216 Wyoming Mill Road
Dover, DE 19904
302-645-4111  •  LLL-dover@udel.edu

LEWES/OCEAN VIEW
www.olli.udel.edu/lewes
Fred Thomas Building
520 Dupont Avenue
Lewes, DE 19958
302-645-4111  •  LLL-lewes@udel.edu

WILMINGTON
www.olli.udel.edu/wilmington
Arsh Hall
2700 Pennsylvania Avenue
Wilmington, DE 19806-1169
302-573-4417  •  LLL-wilm@udel.edu

What members say...

Dynamic program
“Continuing education, a quest for knowledge and curiosity have always been priorities for me. At my age, I am often asked, ‘Why are you still a student?’ My answer is, ‘Why not?’” (Betty Ipnar, OLLI Dover)

“I have very much enjoyed the classes I have taken at OLLI and look forward to the next semester. Thank you to the many who are responsible for the dynamic and intellectually stimulating programs offered.” (Robert Scott Smith, OLLI Wilmington)

Sharing a love of learning
“The single best thing about OLLI is the instructors. They welcome questions and student discussion, and are open to different points of view. They freely share their life experiences and interests, and share our love of learning. I wish my college experience had been so positive!” (Lissa Scott, OLLI Dover)

“We have found a home here at Osher and are loving our classes. We are truly getting a top-notch education and are so impressed with the hard work and dedication of all the instructors here at OLLI!” (Ellen and Adam Goldstein, OLLI Wilmington)

Interested in Additional Lifelong Learning Opportunities?
The University of Delaware’s Master of Arts in Liberal Studies (MALS) program is great for intellectually curious adults. The interdisciplinary program gives students the flexibility to follow their academic passions by shaping their own courses of study. Composed of small seminar classes which invite broad thinking on issues of importance, the program is designed for returning adult students who can attend classes in the evening.

CONTACT: 302-831-4130  •  mals-info@udel.edu  •  mals.udel.edu

See olli.udel.edu/gift-certificate

OLLI memberships make great gifts!
Joe Bailey
UD Osher Lifelong Learning Institute (OLLI) member, Dover

"I never thought I could love school this much. Lifelong learning has always been important to me although not necessarily in a formal way. None of my former teachers would be likely to describe me as a highly motivated student. They should see me now.

What is there to love about the OLLI program? The wonderful people who are OLLI in large part are a group of dedicated volunteers. We are people of different backgrounds and varying education levels who enjoy learning and meeting people. In a country that seems polarized by politics, OLLI provides a sea of reason whose members have a willingness to learn from each other.

A couple of years ago I was looking forward to an OLLI class that was unfortunately canceled at the last minute. Other class members were disappointed too, until three OLLI members came to the rescue. One coordinated, and the two who were retired teachers ended up teaching the class. For the love of education, three dedicated people with different talents and skills came together to save one of the best classes I have taken at OLLI. That is just one more reason I love it here."

Joe Bailey of Dover is an active member and volunteer of the OLLI program in Dover.
Information Session • July 19, 2018 • 6–8 p.m. (Registration at 5:45 p.m.)

UD’s Arsht Hall, 2700 Pennsylvania Ave., Wilmington

Attendance and refreshments are free. Call 302-831-7600 (reservations requested).

Register and pay in full for a Fall 2018 certificate at or before the information session and receive a 10% discount.

pcs.udel.edu/fall2018