

**HEALTH  
PROFESSIONS  
DIVISION**



## Introduction

The Health Professions Division offers a variety of programs and classes to assist individuals aspiring to enter healthcare careers. The excellence of each program is evidenced by our graduates' high scores on licensing board exams and high employment rates. All programs are fully accredited by their respective accrediting agency for their fields.

The Division includes the departments of Dental Hygiene, Diagnostic Imaging, Laboratory Technology, Movement Science, Nursing, Occupational Therapy Assistant, Physical Therapist Assistant, Athletics and Instructional Technology. Degree and credit certificate programs within these departments include:

Dental Hygiene	AAS
Emergency Management ( <i>**A Hudson Valley Educational Consortium offering**</i> )	AAS
Exercise Studies	AS
Medical Laboratory Technology	AAS
Nursing	AAS
Occupational Therapy Assistant	AAS
Phlebotomy	Cert.
Physical Therapist Assistant	AAS
Radiologic Technology	AAS

The Division continues to offer continuing education opportunities via Continuing Educational Units (CEU's) and/or non-credit training to professionals in the health professions independently and in collaboration with Orange County Community College's Continuing and Professional Education department.

The Divisions' plan is the result of the hard work and dedication of the department chairs and faculty. They have worked extensively, seeking input from multiple sources both internally and externally, to construct a plan that builds upon the foundation of previous plans while assessing their current academic strengths and future needs. This updated plan serves as a five-year roadmap to guide and shape future decision-making for the Division as well as the individual departments. The plan is dynamic in nature, and progress toward its implementation will be regularly evaluated and refined as internal and external developments warrant.

The evidence pointing to engaged, full-time faculty as one of the most important factors in student retention and success on community college campuses is substantial and mounting. The need to increase the number of full-time faculty within the Division to ensure student success is identified as a major objective. It is the aim of the Division to

increase the number of full-time faculty through the development of an annual process of prioritization for new full-time faculty as well as faculty retirements and resignations.

From 2010 forward, the following planning goals are representative of the collaborative vision of the Health Professions Division in addressing the needs of the department chairs, faculty, staff, and students, as well as the community at large.

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➤ **CURRICULUM DEVELOPMENT**

- ❖ Maintaining currency
  - ❖ Responding to industry standards
  - ❖ Establishing a baseline of sustainability offerings
  - ❖ Identifying and prioritizing sustainability initiatives
  - ❖ Fostering an atmosphere of adaptation and openness to change
  - ❖ Identifying new and emerging career and transfer opportunities and develop, where practical, corresponding curricula
  - ❖ Using the campus as a laboratory
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***Health Professions Division***

- Investigate the feasibility of expanding existing Division programs to the Newburgh Campus.

***Dental Hygiene***

- Continue to explore additional offerings; CEU initiatives for the professional community.

***Laboratory Technology***

- Continue to assess MLT and Phlebotomy programs and maintain currency in the curriculum.
- 2 full-time faculty members must be hired to cover additional courses that have been offered as well as Newburgh offerings. A part-time clinical coordinator is also needed.
- Phlebotomy proctor meeting was held last spring for feedback on improvements to the program. This should be continued periodically.
- Curriculum changes need to be made including the addition of clinical hours prior to registering the program with the NYS Department of Education. The department would like to add a seminar class as part of these changes.
- Register the MLT program with NYS Department of Education prior to 2013.
- Work with Admissions and Registration area to have Phlebotomy students streamlined into the regular registration process and have the registration of these students be removed as a departmental responsibility.
- Hire a technical assistant for the Newburgh offering of Microbiology for the Health Professions. (Initially, this position can be part-time.)
- Create a track for all students who have a B.S. or B.A. degree in Biology and or Chemistry to take courses and be eligible to take the Medical Technologist licensing exam.

### ***Movement Science***

- Implement new course sequence for Exercise Studies degree.
- Expand Personal Training to include a Capstone project.
- Develop a new Public Health major within the Hudson Valley Educational Consortium in collaboration with SUNY Albany.
- Upgrade equipment in the weight room and human performance laboratories in order to maintain currency.
- Accreditation is needed to maintain industry standards.
- Infuse sustainability into Concepts & Health curriculum.

### ***Nursing***

- Maintain currency and sustainability of program offerings.
- Foster an atmosphere that is open to change.
- Create new electives for nursing students: Patho-physiology, Professional Issues and Health Assessment.
- Implement Pharmacology as a required Nursing course.
- Change Elements of Chemistry and Physics to General Chemistry 1.
- Study curriculum of all levels to assure sustainability.

### ***Occupational Therapy Assistant***

- Emphasize sustainability in the rehabilitative process, with focus on assisting consumers in a “green” approach to daily living activities.

### ***Physical Therapist Assistant***

- Foster an environment of sustainability in the classroom, laboratory and clinical settings.
- Investigate potential transfer agreements with universities offering DPT degrees.
- Monitor PTA program curriculum for currency and modify the program as needed to match industry standards.

### ***Athletics***

- Develop the position of athletic trainer to help maintain the quality of student athlete development, support and safety.

### ***Instructional Technology***

- Develop three new positions to help maintain the quality of online and onsite instruction with the use of online technologies and to help maintain the growth of online education to include: one full-time instructional designer, one full-time secretary, and one full-time technical assistant.
- Develop quality standards that will guide the program in meeting institutional commitment to quality in delivering instruction.
- Assist all interested faculty at all levels of expertise in the process of incorporating the use of technology into their instructional and scholarly endeavors.

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➤ **STUDENTS**

- ❖ Advising
  - ❖ Extracurricular activities
  - ❖ Learning Assistance initiatives
  - ❖ Library support
  - ❖ Retentions initiatives
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***Dental Hygiene***

- Continue to provide opportunities for student input (e.g. surveys, course assessments) to determine student needs.
- Promote effective advising of Dental Hygiene students.

***Diagnostic Imaging***

- Continue to provide opportunities for student input (e.g. surveys, course assessments) to determine student needs.
- Promote effective advising of Radiologic Technology students.

***Laboratory Technology***

- Offer continuing education sessions to department faculty, students, as well as members from all health professions.
- Maintain club sponsorship and support community outreach projects.
- Assist students with licensure and certification requirements.

***Movement Science***

- Continue to support students who pursue the NCSF Personal Training Certification.
- Foster and support students who take on Capstone projects.
- Revitalize exercise studies club.
- Offer “Lunch-n-Learn” programs.
- Professional visits for majors.
- Web-enhanced study groups to provide learning assistance initiatives.
- Meet with advisees at 8 weeks to ensure retention.

***Nursing***

- Maintain small class sizes and safe clinical ratios.
- Increase support for the evening nursing program.
  - Additional technical support and required lab space.
  - Secretarial support.
  - Additional faculty.
  - College support: LRC, security, campus nurse, etc.
- Investigate offering courses out of sequence.
- Obtain more space on the Middletown campus for the development of Nursing Laboratories that supports the technological needs of the Nursing curriculum.
- Expansion of distance education for nursing students.
- Maintain the currently grant funded tutoring and remediation center.

- Establish an advisement center for nursing students.
- Encourage student participation in extracurricular activities.
- Continue to research ways to enhance retention.

### ***Occupational Therapy Assistant***

- Continue to provide opportunities for student input (e.g. surveys, course assessments) to determine student needs.
- Promote effective advising of Occupational Therapy Assistant students.

### ***Physical Therapist Assistant***

- All three full-time PTA program faculty will provide advising to both pre-PTA and PTA enrolled students.
- Expand the PTA club activities to include community service.
- Maintain working copies of current PTA textbooks and reference books in the library.

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## ➤ **UNDER-PREPARED STUDENTS**

- ❖ Dealing with increasing numbers while maintaining standards
  - ❖ Fostering proven initiatives (Block schedules, Learning Communities, etc.)
  - ❖ Clear communication between disciplines re: expectations and abilities of students
  - ❖ Expanding support for under-represented and at risk students
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### ***Health Professions Division***

- Plan to serve non-traditional students based upon data and analysis generated by Institutional Research/College and Departments within Health Professions.
- Study the possibilities of more flexible scheduling to meet student needs.

### ***Movement Science***

- Add more Intro Classes to deal with increasing numbers.
- Block schedules for majors PEM/PED in order to foster Learning Communities.

### ***Physical Therapist Assistant***

- Maintain active faculty office hours within the program for currently enrolled students.
- Assess non-core courses for expectations and abilities during interdisciplinary meeting bi-annually.

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## ➤ **TECHNOLOGY**

- ❖ Regular replacement and maintenance plan
  - ❖ Ensuring instruction meets industry standards
  - ❖ Providing Angel Shells for course utilization
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### ***Dental Hygiene***

- Refurbishment of clinical equipment – dental units.
- Replacement of large clinical equipment – auto processor.

### ***Laboratory Technology***

- Replace departmental computers on a three-year cycle.
- Equip laboratory spaces with SMART classroom technology and SMART boards.
- Replace department copier on a four-year cycle.

### ***Movement Science***

- Establish a technology replacement schedule.
- Complete a program review in order to ensure instruction is meeting industry standards.
- Provide technology training to movement science faculty and staff in Angel.

### ***Nursing***

- Ongoing upgrades and replacement of technology.
  - Faculty and staff PC's/laptops with related software.
  - PC's for student use for periodic standardized testing purposes.
- Replacement of all outdated nursing instructional media (for example: VHS tapes in the LRC).
- Update nursing methods to deliver better instructional format to students (for example: web site; BATCAVERN; LRC).
- Create nursing computer laboratory to enhance student learning.
- Create new instructional recordings.
- Utilize current computer technologies to enhance student learning.
- Replace outdated instructional equipment in multisensory lab and BT 229.
- Web-enhance multisensory laboratories.
- Upload learning solution videos on a server.
- Incorporate use of electronic medical records (E-MAR), Bar code and PIXIS (Medication Administration Software/Hardware Systems) into multisensory lab.
- Offer support courses, documentation courses, and clinical calculations courses in a hybrid format.
- Utilize standardized tests, test banks.
- Provide new faculty with continuing education opportunities in test construction and item writing analysis consistent with NCLEX test plan.
- Test students online outside of class time, to conserve instruction time and provide students with online testing experiences.
- Purchase a test scanner with higher level item analysis functioning.
- Utilize videoconferencing for communication purposes between Middletown and Newburgh campuses.
- Provide a format so that students on both campuses can access videos and DVD instructional materials via secure streaming server.



### ***Occupational Therapy Assistant***

- Upgrade the equipment within the OTA lab to enable students to experience state-of-the-art therapeutic programs.
- Maintain faculty and staff PC hardware and software.

### ***Physical Therapist Assistant***

- Monitor and upgrade PTA program equipment as needed to ensure classroom and laboratory experiences meet clinical standards.
- Maintain existing equipment for safety and replace old irreparable equipment.
- Provide Angel Shells for each PTA program course.
- Provide two additional computer stations for faculty and student use in the PTA laboratory.

### ***Instructional Technology***

- Replace instructional technology laptop computers in order to continue with up to date faculty hardware and software training programs.

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## **➤ FACILITIES**

- ❖ Equipment (establish a baseline then a regular replacement plan)
  - ❖ Furniture/furnishing (establish a baseline then a regular replacement plan)
  - ❖ Space (instructional space, storage space, office space, recognition that new buildings will have major impact, informal learning space for students)
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### ***Health Professions Division***

- Study the possibilities of more flexible office space and equipment storage to meet department needs.

### ***Dental Hygiene***

- Refurbish clinic waiting room.
- Replace lockers in locker room.

### ***Laboratory Technology***

- Modernize laboratory spaces with new counters, desks, sinks, updated equipment and furniture.
- Replace 40-year old shades and curtains on windows at the roof level of the building in all department labs.
- Modernize all office spaces with new desks, chairs, rugs or tile.
- Paint office spaces.
- Modernize BT 313 conference room with technology, new furniture, shades, chairs, rugs, etc.
- Purchase required equipment and supplies for the Microbiology laboratory and lectures in Newburgh.

- As space is vacated by the science departments when they move to their new building, the department would like to create a seminar space and a working laboratory room in that area. This space can be used as a functional lab space where students can simulate a real lab experience and used for exit practical evaluation and preparation for the licensing exam.
- Create a Histology lab in BT 300 with new furniture, cabinets, counters, desks, technology and equipment.
- Continue to update equipment and purchase a chemistry analyzer.

### ***Movement Science***

- Modernize equipment in the weight room to improve safety, facilitate learning experiences, enhance student athlete training programs, and support accessibility for students with special needs.
- Update equipment in the Human Performance Lab to better provide Exercise Studies majors with modernized technology.
- Refurbish racquetball courts, especially court number three due to its extremely poor condition.
- Trade tables for desks.
- Examine existing space constraints; reorganize storage of academic equipment; explore the need for additional space in collaboration with facilities.
- Dig out under the gym floor.

### ***Nursing***

- Upgrade and replace office furniture as needed.
- Upgrade telephone system.
- Improve instructional equipment.
- Create study space for students in the Bio-Technology building.
- Assure adherence to sustainability initiatives.

### ***Occupational Therapy Assistant***

- Modernize space in the OTA Laboratory to support the Center for Assistive and Rehabilitative Technology.

### ***Physical Therapist Assistant***

- Monitor equipment for signs of wear and needs of repair or replacement as appropriate/indicated.
  - Laboratory furniture – replace laboratory “tables” 1-2 years.
  - Laboratory computer stations.
  - PT specific equipment – inspected annually.
  - Faculty and staff office needs.
- Annually assess for classroom/laboratory space needs.

### ***Athletics***

- Modernize equipment in the weight room to improve safety and enhance student athlete training programs.

- Refurbish racquetball courts, especially court number three due to its extremely poor condition.
- Resurface tennis courts; condition of surface is over ten years old and is starting to show deterioration. Proactive maintenance will save money and avoid larger surface problems in the future.

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➤ **PROFESSIONAL DEVELOPMENT**

- ❖ Technology training
  - ❖ Using CTL to address needs identified in AMP
  - ❖ Fostering an atmosphere of collaboration (e.g. Interdisciplinary endeavors)
  - ❖ Adjunct and new faculty mentoring and support
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***Health Professions Division***

- Promote and provide professional development and technology training opportunities for faculty and staff.

***Movement Science***

- Utilize technology training available on campus for all faculty members.
- Utilize the CTL Portfolio to address needs of under-prepared students.
- Develop faculty handbook and mentoring program.
- Encourage all full-time faculty to attend a professional conference.
- Cultivate the branding/profile of the exercise science program.

***Nursing***

- Consider faculty application for sabbatical to perform in-depth curriculum reviews and redesign to meet needs of students in the 21st century.
- Develop new faculty mentoring program.
- Explore avenues of reimbursement for faculty to continue their education through non-credit and credit coursework.
- Assure simulation training and technical support for faculty.
- Host a conference for nursing education focusing on curriculum design and course evaluation.
- Encourage Certified Nurse Educator status.
- Utilize technology training available on campus for all faculty members.
- Use the CTL center for enhancing instructional techniques.

***Physical Therapist Assistant***

- Monitor and assist in the maintenance of mandatory clinical education of the PTA program faculty.
- Provide technology training to all PTA program faculty and staff.
- Provide mentoring and support to new faculty.
  - New ACCE to begin August 2010.

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➤ **ACCESSIBILITY OF OFFERINGS**

- ❖ Web-enhancement and hybrid opportunities
  - ❖ Non-traditional offerings (e.g. block schedules, accelerated courses, late start, etc.)
  - ❖ Information literacy (also writing and critical thinking) infused throughout academic experiences
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***Dental Hygiene***

- Expand web-enhanced (optional and/or required) offerings as necessary.
- Study the possibilities of more flexible scheduling to meet student needs.

***Diagnostic Imaging***

- Expand web-enhanced (optional and/or required) offerings as necessary.
- Study the possibilities of more flexible scheduling to meet student needs.

***Laboratory Technology***

- Expand web-enhanced (optional and/or required) offerings as necessary.
- Study the possibilities of more flexible scheduling to meet student needs.

***Movement Science***

- Expand web-enhanced (optional and/or required) offerings as necessary.
- Study the possibilities of more flexible scheduling to meet student needs.
- Infuse and assess information literacy, critical thinking, and sustainability topics in all PES and PEM courses.
- Offer evening sections of Substance Abuse, Contemporary Health; Saturday sections of Wellness.
- As a movement department we strive to meet both directives (offer classes at all times and days, also offer all types of activity class so everyone can *move*).

***Nursing***

- Expand web-enhanced (optional and/or required) offerings as necessary.
- Study the possibilities of more flexible scheduling to meet student needs.

***Occupational Therapy Assistant***

- Explore the feasibility of offering Distance Learning (fully online) education courses.
- Expand web-enhanced (optional and/or required) offerings as necessary.
- Study the possibilities of more flexible scheduling to meet student needs.

***Physical Therapist Assistant***

- Offer all PTA program courses as web-enhanced (optional or required) within 2 years.
- Provide a portion of PTA program course offerings in block schedule format.
- Foster classroom and laboratory experiences increasing the inclusion of critical thinking and problem solving skills.

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➤ **COLLABORATION & PARTNERSHIPS**

- ❖ Interdisciplinary collaborations
  - ❖ Strengthen and augment internship opportunities and service learning opportunities
  - ❖ SUNY transferability
  - ❖ Articulation agreements
  - ❖ K-16 initiatives
  - ❖ AA and Student Services working together on initiatives
  - ❖ Connections and bridges between AA and CAPE
  - ❖ Connections with local industries
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***Diagnostic Imaging***

- Re-establish the Nuclear Medicine certificate program in collaboration with CAPE.
- Explore the feasibility of offering a Computed Tomography Certificate program in collaboration with CAPE.

***Laboratory Technology***

- Continue to work with the English Department and the Writing Consultancy to provide Technical Writing courses.
- Work with local, state and national chapters of laboratory organizations to offer regional meetings and continuing education for our students, faculty and the community.

***Movement Science***

- Collaborate with SUNY Albany to develop a new Public Health major within the Hudson Valley Educational Consortium.
- Collaborate with Facilities to explore new alternatives for storage of athletic equipment and general use equipment (chairs, gym coverings) to improve safety, security, and building compliance issues.
- Working diligently on transferability of SUNY students.
- Explore offering/developing more CEU programs.
- Maintain existing facility hours and begin to expand fitness classes and programs.

***Nursing***

- Foster an atmosphere of collaboration with all departments to enhance course offerings and collegiality.
- Collaborate with Orange-Ulster BOCES for LPN-RN course.
- Explore articulation agreements for ADN to BSN.
- Continue to plan for collaboration with local hospitals for simulation.
- Encourage the development of an internship program for nursing students through CAPE at all levels.
- Continue to work in the establishment of a Paramedic program.
- Explore the possibility of the re-establishment of a workforce development grant through the Orange County Workforce Investment Board.

### ***Occupational Therapy Assistant***

- Enhance and expand services offered through the Orange County Community College Center for Assistive & Rehabilitative Technology.
  - Establish Assistive Technology services on the Newburgh campus.
- Seek grant funding for a mobile outreach Assistive Technology unit in collaboration with grants and or institutional development.
- Develop a regional center for OT continuing and professional education in conjunction with CAPE.
- Open OTA lab to the community with “Community Connections” and by establishing the OTA “Problem Solvers” Network.
- Offer a certificate in Assistive Technology in conjunction with CAPE.
- Develop an Introduction to the Health Professions survey course in collaboration with the Health Professions.
- Collaborate with Early Childhood, Architecture and Engineering programs to enhance a co-teaching concept related to pre-school education, environmental modifications and assistive technology.
- Explore the potential for a Health Education Consortium with Ulster, Sullivan, Dutchess and Rockland Community Colleges to offer a collaborative AAS degree in Occupational Therapy Assistant.

### ***Physical Therapist Assistant***

- Investigate possible transfer agreements with programs offering DPT degrees.
- Collaborate with clinical education sites and employers of recent graduates of the program to meet current industry standards.
- Assess PT community needs for continuing education offerings in collaboration with CAPE.

### ***Athletics***

- Collaborate with Student Activities and Facilities to explore the feasibility of a College Marquee that would be used for College announcements and events; utilized by student activities, music and theater, cultural affairs, recreation and athletics and anyone else wishing to advertise or promote events.