

Rural Telehealth Certificate Program (RTCP)

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Objectives of presentation

- Describe telehealth certificate (RTCP) purpose
- Identify courses in RTCP Discuss Nurs736 – “Technology for Expanding Healthcare Capacity”
- Explain 90 hours of clinical/non-clinical practicum
- Describe interdisciplinary future of certificate program



RTCP - DNP

Who: Nurse Practitioners working in all areas of healthcare and especially in rural health care

What: The 9-unit RTCP prepares the next generation of advanced practice nurses to provide comprehensive best practices using telehealth.

When: Annual application in March. Courses start in Spring and Summer.

Where: UA Online. Desire to Learn (d2l) platform

Why: Telehealth applications are the future (present) healthcare delivery mechanism and understanding best practices are critical for quality care.



Plan of Study

RTCP Guide for students ENROLLED in the DNP Program

Spring Semester - 1

Course Title	Units	Course Notes
NURS 736 Technology for Expanding Healthcare Capacity	3	
NURS 638 Conceptual Foundations for Rural Health	1	
Semester Units:	4	

Summer Semester - 1

Course Title	Units	Course Notes
NURS 773 Rural Health Systems (or NURS 774)	3	NURS 773 & 774 are offered every other year. For the certificate program register for the course offered the year of your certificate program. Completion of just one of the courses is required for the certificate program.
NURS 774 Rural Community Health (or NURS 773)	3	
Semester Units:	3	

Fall, Spring & Summer Semesters¹

Course Title	Units	Course Notes
NURS 693a Clinical Residency²	2	¹ 90 Clinical hours for this certificate will be designated as a subset of your total specialty hours. Contact your clinical placement coordinator regarding options and opportunities for telehealth clinical hour during your clinical placements. ²¹ This course includes one unit of didactic.
Over 3 semesters Units:	2	
Total Units:	9	

Total Units for Certificate: 9

Total Telehealth Clinical Hours: 90

Rural Health

CONCEPTUAL FOUNDATIONS FOR RURAL HEALTH NURSING

(Nurs638) 1 credit

- Purpose: examines telehealth use in healthcare practice within the conceptual foundations of occupational, ecological and socio-cultural dimensions.

RURAL COMMUNITY HEALTH (Nurs774) 3 credits

- Purpose: Health needs of diverse populations as a function of rurality are explored. Influence of occupations and economies, demography, migration, culture, history and impact of local, state, and federal programs and policies on services provided such as telehealth.

OR

RURAL HEALTH SYSTEMS (Nurs773) 3 credits

- Purpose: Clients; providers, and organizational outcomes; informatics; and leadership in the design, implementation and evaluation are analyzed. The impact of telehealth integrated into different types of rural healthcare systems.

Telehealth Integration

TECHNOLOGY FOR EXPANDING HEALTHCARE CAPACITY (Nurs736) 3 credits

- Purpose: examines the use of technology (telehealth) to expand health care delivery/access capacity.
- Students will use a conceptual model to examine the fit of a technological intervention prior to acquisition. Fit is examined for *client*, *context*, *applied technology* and projected *outcomes*. The Systems Development Lifecycle (SDLC) and ongoing methods of evaluation are used for assessing potential for sustainability.



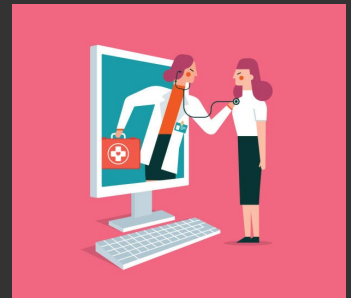
“Non-clinical” (70-hours)

live or recorded about telehealth use

- Policy, Legislation
- Mobile device updates on video/audio/3D etc.
- Information on telehealth technology
 - Synchronous video
 - telephone
 - remote patient monitoring
 - Peripherals
- Trainings
 - Arizona Telemedicine Program
 - Project ECHO
 - Vendor
- Broadband/connectivity
- Technological Peripherals
 - Blood pressure
 - Cardiac rate/rhythm
 - ECG (3 lead)
 - Weight
 - Glucometer
 - Otoscopes
 - Ultrasound
 - more
- Other types of telehealth
 - teledentistry
 - teletherapy (PT, OT)
 - telehealth in ED
 - telehealth in OR
- Novel interventions

Clinical Observation (20 hours)

- Purpose: to observe **best practices** of telehealth use by healthcare providers
- Remote or in-person observation
- Vetted by RTCP Lead
 - Known best practice
 - Complete debriefing questions about best practices
- What do we look for to vet best practices
 - Gets consent from patients
 - Team approach
 - Intermediate technology/practice coordinator
 - Organized telehealth interaction



RTCP - Interdisciplinary

Who: Licensed/certified healthcare professional**

What: The 9-unit RTCP prepares the next generation of professionals to provide comprehensive best practices using telehealth.

When: Annual application in March. Courses start in Spring and Summer.

Where: UA Online. Desire to Learn (d2l) platform

Why: Telehealth applications are the future (present) healthcare delivery mechanism and understanding best practices are critical for quality care.



Questions???

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Thanks to University of Arizona
Graduate College
College of Nursing

<https://online.arizona.edu/programs/graduate-certificate/online-graduate-certificate-rural-telehealth-cert>