DNP Course Comparison and DNP Essentials

DNP Essential	DNP Course
1.Scientific Underpinnings for practice	
2. Organizational and Systems Leadership for Quality	**NURS 700** Advanced Practice Nursing: Transforming Healthcare (3 credit) Emphasizes the roles of the advanced practice nurse as a clinical scholar, clinical expert and as a leader in evidence-based practice and transformation of health care. Evolution and need for doctoral education in nursing is considered. Theories of leadership change and transformation, and innovation diffusion are introduced. Systems theory, organizational and other mid-level theories are addressed. The interface between ethical and regulatory/legal obligations will be examined. **NURS 701** Health Policy & Healthcare Economics (3 credits) Synthesize political action related to the structure of healthcare delivery. Analyzes factors that influence the production, financing, and distribution of healthcare services in the United States and globally. Topics include basic economic theory, market drivers, healthcare financing and reimbursement, cost/benefit analysis and healthcare entrepreneurship **NURS 704** Complex Health Care Systems (3 credits) Focus on the major theories and approaches to sustainable healthcare business practices. Key areas of interest include application of organizational theory and consideration of organizational culture. Focus on quality improvement and ensuring patient safety, with an emphasis on outcome indicators and the relationship among processes, outcomes and costs.
3.Clinical Scholarship and Analytical Methods for Evidence-Based Practice	**NURS 702** Evidence-based Practice: Models and Applied Research in Healthcare (3 credits) Focus on the relationships among basic and applied research, translational science, and evidence-based practice in healthcare systems. Translational research strategies are identified and the theoretical and practical challenges of translating evidence into practice will be addressed. Emphasis on models of evidence-based practice. **NURS 705** Evidence-Based Practice Process (3 credits) Focuses on developing the necessary skills for applying EBP processes with the context of a practice setting, health care organization, or community. Provides the foundation for the DNP Capstone experience. Emphasis on a scholarly, systematic approach to problem-solving. The relationship between nursing interventions and patient outcomes is examined and opportunities for improvement are sought. **NURS 706** Statistical Methods (3 credit) Exploration of statistical methods commonly used by advanced practice nurses to understand human health patterns. Descriptive and inferential statistics are applied through the use of statistical software packages and manipulation of datasets. Appraisal of appropriateness of research methods and techniques is included.

4. Information Systems/Technology and Patient Care Technology for the Improvement and Transformation of Health Care	**NURS 708** Informatics and Data Management (3 credits) Design, select, and use information systems/technology to evaluate programs of care, outcomes of care, and care systems. Information systems/technology provide a mechanism to apply budget and productivity tools, practice information systems and decision supports, and web-based learning or intervention tools to support and improve patient care. **NURS 710** Transforming Healthcare (3 credits) Provide a foundation for understanding complex systems within a socioeconomic and political context. Theories and concepts related to transformational leadership will be analyzed in relation to achievement of significant change in healthcare organizations.
5. Health Care Policy for Advocacy in Health Care	**NURS 701** Health Policy & Healthcare Economics (3 credits) Synthesize political action related to the structure of healthcare delivery. Analyzes factors that influence the production, financing, and distribution of healthcare services in the United States and globally. Topics include basic economic theory, market drivers, healthcare financing and reimbursement, cost/benefit analysis and healthcare entrepreneurship. **NURS 710** Transforming Healthcare (3 credits) Provide a foundation for understanding complex systems within a socioeconomic and political context. Theories and concepts related to transformational leadership will be analyzed in relation to achievement of significant change in healthcare organizations.
6. Interprofessional Collaboration for Improving Patient and Population Health Outcomes	**NURS 704** Complex Health Care Systems (3 credits) Focus on the major theories and approaches to sustainable healthcare business practices. Key areas of interest include application of organizational theory and consideration of organizational culture. Focus on quality improvement and ensuring patient safety, with an emphasis on outcome indicators and the relationship among processes, outcomes and costs. **NURS 710** Transforming Healthcare (3 credits) Provide a foundation for understanding complex systems within a socioeconomic and political context. Theories and concepts related to transformational leadership will be analyzed in relation to achievement of significant change in healthcare organizations.
7.Clinical Prevention and Population Health for Improving the Nation's Health	**NURS 701** Health Policy & Healthcare Economics (3 credits) Synthesize political action related to the structure of healthcare delivery. Analyzes factors that influence the production, financing, and distribution of healthcare services in the United States and globally. Topics include basic economic theory, market drivers, healthcare financing and reimbursement, cost/benefit analysis and healthcare entrepreneurship.

	NURS 703 Epidemiology and Health Promotion (3 credits) Focus on the integration of evidence-based practice and epidemiological approaches to promote consistent and equitable care for diverse populations. Data will be critically analyzed to identify barriers to equitable quality healthcare. Analyze epidemiological, biostatistical, occupational, and environmental data in the development, implementation, and evaluation of clinical prevention and population health. Additional focus will be placed on underserved populations unique to the local region, such as the Amish and Mennonite orders.
8. Advanced Practice Nursing	**NURS 707** Capstone Design Seminar (2 credits) Focus is on the design and defense of the student's capstone project. Integration of foundational courses to develop, design and successful defend the proposed capstone project. Seminar style allows for increased interaction with faculty advisors and course peers. (110 clinical hours) **NURS 709** Capstone Implementation Seminar (2 credits). Focus is on the implementation of the student's capstone project, as well as collection of specified outcome measures. Students will engage in their select area of practice to enact the previously approved capstone project. Seminar style allows for increased interaction with faculty advisors and course peers. 110 clinical hours **NURS 711** Capstone Evidence-Based Practice Evaluation (2 credits) Focus is on the evaluation and completion of the student's capstone project, including statistical analysis of the specified outcome measures. Analysis and application of the findings in the context of the greater healthcare system is essential. Emphasis on dissemination of results. Seminar style allows for increased interaction with faculty advisors and course peers. 110 clinical hours

Describe the assessment plan and process to collect and evaluate student-learning outcomes data and the use of the data to improve the program (the feedback loop).

Below are the DNP Program Outcomes and evaluation methods that will be used to demonstrate achievement of program outcomes. Each syllabus has course evaluations, which align with the program outcomes and the AACN Essentials for DNP. The Department has a systematic evaluation plan that will be extended to include the DNP program. Each academic year, the Department meets to review each of the programs through an outcomes evaluation process, determining both student and faculty evaluation of course and program needs that may be unmet. This academic review provides the feedback needed to determine if any changes are needed. The other part of this evaluation process is completed through our alumni, their employers, and the MU Nursing Advisory Committee. All of these sources provide data to determine if the program is achieving the intended outcomes.

MU DNP Program Outcomes and Relation to AACN Essentials

MU DNP Program Outcome	AACN Essential	Course (s)	Evaluation Methods
Integrate nursing science and multidisciplinary theories with advanced levels of system and organizational thinking, as well as professional accountability, to design, deliver, and evaluate practice change initiatives	**Essential I: Scientific Underpinnings for Practice**	NURS 700 NURS 710	Articulate the role of the DNP through the synthesis, translation, in and evaluation of complex knowledge Engages in practice changes
Utilize organizational and systems thinking to develop, implement, and evaluate care delivery approaches to influence quality health care outcomes	**Essential II: Organizational and Systems Leadership for Quality Improvement and Systems Thinking**	NURS 700 NURS 701 NURS 704	Utilize system thinking to determine interventions for improved healthcare outcomes Employ principles of business, economics, finance and health policy to impact patient safety and quality of care Analysis of quality improvement initiatives
Critically appraise and synthesize research to translate and integrate best practices to improve healthcare outcomes.	**Essential III: Clinical Scholarship and Analytical Methods to Evidence-Based Practice**	NURS 702 NURS 705 NURS 706	Critical appraisal of relevant project literature. Explore the evidence-based practice process Application of statistical methods.
Integrate knowledge of information systems and technology to	**Essential IV: Information Systems/Technology and Patient Care**	NURS 708	Employs technology and informatics to

implement quality improvement and practice initiatives.	**Technology for the Improvement of and Transformation of Health Care**		measure health outcomes.
Advocate for and provide leadership to develop healthcare policy to influence financing, regulation, access and delivery.	**Essential V: Health Care Policy for Advocacy in Health Care**	NURS 701 NURS 710	Engage in advocacy at the institutional, local, state and/or national level. Dissemination of project findings.
Develop intra- and interprofessional communication strategies to effectively engage in health care change.	**Essential VI: Interprofessional Collaboration for Improving Patient and Population Health Outcomes**	NURS 704 NURS 710	Analysis of the interprofessional team in a practice setting. Leads change initiative in practice setting.
Analyze individual and population data to improve health status and patient care outcomes.	**Essential VII: Clinical Prevention and Population Health for Improving the Nation's Health**	NURS 701 NURS 703	Analyze the healthcare needs of diverse populations. Analysis of an at-risk population.
Demonstrate advanced levels of clinical judgment and systems thinking in designing, delivering and evaluating evidence-based care to diverse patient populations.	**Essential VIII: Advanced Nursing Practice**	NURS 707 NURS 709 NURS 711	Project proposal Project implementation Project evaluation