

Curriculum Committee

12/05/17

The below information was approved by the Curriculum Committee (CC) to be moved forward to the Academic Senate.

New Curriculum Proposals:

The Medical Imaging Programs in the Health and Human Services Division have submitted a Curriculum Proposal for a Certificate of Achievement in Neurodiagnostic Technology. Neurodiagnostic Technologists (EDT) are highly skilled professionals trained to perform electroencephalograms (EEG's) in medical facilities and outpatient centers under the direct supervision of a health care provider. The EEG program is designed not only to foster the skills and knowledge necessary for competent practice, but also places emphasis on professional attitudes, values and behaviors that encourage the professional growth of the individual student. Clinical learning experiences are provided by affiliating hospitals, clinics and other outpatient facilities. Didactic learning experiences occur in supportive college course work delivered through an online environment and laboratory practice. Both are equally important to the development of the competent Neurodiagnostic Technologist.

The program has been developed to be consistent with standards and requirements of the Commission on Accreditation of Allied Health Education Programs (CAAHEP). Upon completion of the EEG program graduates will be eligible to take the American Board of Registration in Electroencephalographic (ABRET) exam. Upon passing the ABRET exam, Neurodiagnostic Technologists have earned their R.EEG T.

There is a shortage of highly skilled Neurodiagnostic Technologists nationwide and an insufficient number of formal educational programs to address this shortage. According to the 2015 U.S. Bureau of Labor Statistics Occupational Outlook Handbook the Neurodiagnostic Technology field has a 23% growth outlook through 2022. The shortage in Michigan mirrors the national one. Ten hospitals and outpatient facilities in the surrounding area are in need of qualified Neurodiagnostic Technologists. The Carnegie Institute in Troy, Michigan is the only school in Michigan to offer a Neurodiagnostic Technology program. The courses for this Certificate of Achievement were designed to meet local market needs based on contact and input from regional healthcare providers, as shown in the following table.

The CC recommends the new curriculum proposals for Neurodiagnostic Technology CA move forward as a recommendation to the Academic Senate.

New Course Proposals:

As stated above, the Medical Imaging Programs in the Health and Human Services Division have submitted a Curriculum Proposal for a Certificate of Achievement in Neurodiagnostic Technology. The Medical Imaging Programs therefore also submitted New Course Proposals for the following courses: NDXT 100—Neuroanatomy and Physiology, NDXT 101—Neurodiagnostic Procedures, NDXT 102—EEG Applications, NDXT 120—EEG Pre-Clinical Preparation, NDXT 130—Principles of EEG, NDXT 131—Electricity Principles/Safety, NDXT 132—EEG Instrumentation I, NDXT 200—EEG Procedures & Pathology I, NDXT 201—EEG Instrumentation II, NDXT 202—EEG Quality Control, NDXT 220—EEG Clinical Practice I, NDXT 221—EEG Clinical Practice II, NDXT 230—EEG Procedures & Pathology II, NDXT 231—EEG Procedures & Pathology III, and NDXT 232—EEG Procedures & Pathology IV. As stated in the explanation for creating a Neurodiagnostic Technology CA, there is a shortage of highly skilled Neurodiagnostic Technologists nationwide and an insufficient number of formal educational programs to address this shortage. The

shortage in Michigan mirrors the national one. Ten hospitals and outpatient facilities in the surrounding area are in need of qualified Neurodiagnostic Technologists. The Carnegie Institute in Troy, Michigan is the only school in Michigan to offer a Neurodiagnostic Technology program. The CC recommends the new course proposal for NDXT 100, NDXT 101, NDXT 102, NDXT 120, NDXT 130, NDXT 131, NDXT 132, NDXT 200, NDXT 201, NDXT 202, NDXT 220, NDXT 221, NDXT 230, NDXT 231, and NDXT 232 move forward as a recommendation to the Academic Senate.

Revised Course Proposals:

The Anthropology program submitted revised course proposals to the CC because the Student Learning Outcomes needed revisions to update for Core and to increase the transferability of ANTH 270, ANTH 271, and ANTH 272 as Anthropology and/or general education courses at other four year universities and colleges. The Anthropology program also submitted a revised course proposal for ANTH 275 to the CC because the evaluation section for this course needed revision to update for Core so that lab hours would be included in the evaluation section. The CC recommends the course revisions proposed for ANTH 270, ANTH 271, ANTH 272, and ANTH 275 move forward as a recommendation to the Academic Senate.

CC approved ANTH 270, ANTH 271, and ANTH 272 text to be added to the revised course proposals:

In anthropology, a **culture area refers to a region characterized by homogeneity in culture and environment. It also refers to a geographical area in which one culture has prevailed for a specific time. Recognizing that there are many culture areas within a state or nation-state, instructors are required to choose a minimum of one ethnographic example from **each** of the following culture areas: Europe, Africa, North America, South America, Asia, and Australia. Therefore, the students in this course will study at least six ethnographic examples from six different cultural areas (Europe, Africa, North America, South America, Asia, and Australia) for each of the topics covered in this course (e.g. gender, age, sexuality, politics, kinship, or economics).*

CC approved ANTH 275 Evaluation Section to be added to the revised course proposal:

Class Participation Required X 5%*

**Attendance was removed from this section*

The BCA/ Management Program submitted a revised course proposal for MGMT 346 to the CC because of their communication between Northwood University 3+1 Management curriculum. Northwood will no longer accept MGMT 346 Managerial Finance for transfer without ACCG 210, 211 prerequisites. The CC recommends the course revisions proposed for MGMT 346 move forward as a recommendation to the Academic Senate.

Submitted by Kari Richards, Ph.D.
Curriculum Committee Chair