

**Northern Virginia Community College 2008-2009 Catalog  
Medical Education - Allied Health and Nursing Curricula**

**RADIATION ONCOLOGY**

Certificate

**Virginia Western Community College**

(NOVA offers six of the required courses in the Radiation Oncology Certificate. Students must enroll in the program through Virginia Western Community College. For more information go to:  
[www.viriniawestern.edu/academics/programs\\_of\\_study/programs\\_detail.php?program\\_id=110](http://www.viriniawestern.edu/academics/programs_of_study/programs_detail.php?program_id=110)  
or telephone VWCC at 540-857-8922 or VWCC Student Services at 540-857-7237.)

This curriculum is offered through VWCC. The students receive a degree from VWCC but it is a joint venture program with NVCC. Didactic classes are offered through distance learning from VWCC and clinical courses are offered through NVCC and clinical affiliations are in Northern Virginia.

| <b>1st Semester</b> |                                      | <b>Credits</b> |
|---------------------|--------------------------------------|----------------|
| MTH                 | 163 Pre-Calculus I                   | 3              |
| ROC                 | 110 Intro to Radiation Oncology      | 2              |
| ROC                 | 120 Radiation Oncology/Pathology I   | 3              |
| ROC                 | 131 Clinical Clerkship I             | 4              |
| ROC                 | 142 Patient Care in Oncology         | 1              |
| ROC                 | 295 Cross Sectional Anatomy          | 2              |
| SDV                 | 100 College Survival Skills          | <u>1</u>       |
|                     | <b>Total</b>                         | <b>16</b>      |
| <b>2nd Semester</b> |                                      |                |
| ENG                 | 111 English Composition I            | 3              |
| ITE                 | 102 Computer and Information Systems | 1              |
| ROC                 | 121 Radiation Oncology/Pathology II  | 3              |
| ROC                 | 132 Clinical Clerkship II            | 5              |
| ROC                 | 141 Therapy Physics I                | 2              |
| ROC                 | 145 Quality Improvement              | <u>2</u>       |
|                     | <b>Total</b>                         | <b>16</b>      |
| <b>3rd Semester</b> |                                      |                |
| ROC                 | 231 Clinical Clerkship III           | <u>5</u>       |
|                     | <b>Total</b>                         | <b>5</b>       |
| <b>4th Semester</b> |                                      |                |
| ROC                 | 232 Clinical Clerkship IV            | 5              |
| ROC                 | 241 Therapy Physics II               | 2              |
| ROC                 | 242 Radiobiology                     | 2              |
| ROC                 | 243 Dosimetry Planning               | 2              |
| ROC                 | 244 Professional Seminar             | <u>2</u>       |
|                     | <b>Total</b>                         | <b>13</b>      |

**Total credits for the Radiation Oncology Certificate = 50.**