Radiology PACS Specialist Diploma (RPS4)

DESCRIPTION
The Radiology Picture Archiving Communications Specialist diploma program provides the student with fundamental concepts and basic functions of a Picture Archiving and Communication System (PACS). Emphasis is placed on basic components, functions, and familiarity with PACS. Topics include basic components of and requirements for a PACS network structure, concepts of image capture, image quality troubleshooting, DICOM, image transfer concepts, structured reporting, hospital information systems (HIS), radiology information systems (RIS), health level seven (HL7), short-term and long-term storage, data backup, workstations, peripherals, and output devices.

EMPLOYMENT OPPORTUNITIES
Graduates of this diploma program are prepared to work in healthcare facilities, hospitals, and imaging centers that utilize digital imaging, PACS, and RIS, and also as PACS sales and support personnel.

LICENSURE/CERTIFICATION
Certification is not required for employment in the PACS environment; however, certification is available through PACS Administrators Registry and Certification Association at http://pacsadmin.org and at the American Board of Imaging Informatics at http://siim.org/?page=become_ciip

ADMISSIONS CRITERIA
1. Submit a completed application and application fee;
2. Be at least 17 years of age;
3. Submit official high school transcript or GED transcript;
4. Submit official college transcripts, if applicable;
5. Meet the following assessment requirements:

<table>
<thead>
<tr>
<th>TEST</th>
<th>Reading</th>
<th>Writing</th>
<th>Numerical</th>
<th>Algebra</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCUPLACER</td>
<td>55</td>
<td>60</td>
<td>34</td>
<td>NA</td>
</tr>
<tr>
<td>COMPASS</td>
<td>70</td>
<td>32</td>
<td>26</td>
<td>NA</td>
</tr>
<tr>
<td>SAT</td>
<td>430</td>
<td>NA</td>
<td>400</td>
<td>NA</td>
</tr>
<tr>
<td>ACT</td>
<td>13</td>
<td>12</td>
<td>17</td>
<td>NA</td>
</tr>
</tbody>
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RADIOLOGY PACS SPECIALIST DIPLOMA CURRICULUM
The curriculum for the Radiology PACS Specialist diploma program is designed for the semester system. A student may enter the program any semester. To graduate, students must earn a minimum of 59 semester credit hours. The program requires a minimum of 1365 contact hours and generally takes 5 semesters to complete.

<table>
<thead>
<tr>
<th>Program Courses</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td><strong>Basic Skills Courses</strong></td>
<td></td>
</tr>
<tr>
<td>ENGL 1010 – Fundamentals of English I (OL)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1012 – Foundations of Mathematics (OL)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Occupational Courses</strong></td>
<td>53</td>
</tr>
<tr>
<td>RAPS 1101 – Imaging Informatics Image QC/QA, Regulations and Security</td>
<td>2</td>
</tr>
<tr>
<td>RAPS 1110 – Introduction to Imaging Informatics</td>
<td>6</td>
</tr>
<tr>
<td>RAPS 1120 – Radiology Basics for Imaging Informatics</td>
<td>7</td>
</tr>
<tr>
<td>RAPS 1130 – Imaging Informatics Clinical I (IIC1)*</td>
<td>4</td>
</tr>
<tr>
<td>RAPS 1140 – Imaging Informatics Clinical II* (IIC2)</td>
<td>7</td>
</tr>
</tbody>
</table>
(OL) designation indicates course may be available online during selected semesters. * "C" or higher grade is required for this course.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAPS 1150</td>
<td>Advanced Concepts of Imaging Informatics</td>
<td>7</td>
</tr>
<tr>
<td>RAPS 1160</td>
<td>Theoretical Concepts of DICOM and HL7</td>
<td>5</td>
</tr>
<tr>
<td>CIST 1001</td>
<td>Computer Concepts (OL)</td>
<td>4</td>
</tr>
<tr>
<td>CIST 1122</td>
<td>Hardware Installation and Maintenance (OL)</td>
<td>4</td>
</tr>
<tr>
<td>CIST 1401</td>
<td>Computer Networking Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td>CIST 1601</td>
<td>Information Security Fundamentals (OL)</td>
<td>3</td>
</tr>
</tbody>
</table>

**PROGRAM COSTS**

- Tuition/Fees: $7,081
- Books/Supplies: $1,450
- Uniform Costs: Approximately $250*
- Liability Insurance: $10 per fiscal year
- Certification Exam: $450 (optional)
- TB Test: $40
- #4402 Forensic Drug Panel (7) or similar screening: $25
- Criminal Background Check: $39-$80

* Uniforms are required for RAPS 1130 and RAPS 1140
(2 costs are estimates and are subject to change.)

**CLINICAL EDUCATION**

- Number of Clinical Sites: 5
- General Location of the Clinical Sites:
  - Bulloch, Chatham, Effingham, Glynn and Toombs Counties
- Special Requirements of the Clinical Sites:
  - Students must submit immunizations and testing to include:
    - 2 step TB test
    - Criminal Background Check
    - Urine Drug Screen
    - Flu Vaccine
    - Proof of history of Varicella or chicken pox vaccine

**Clinical Education Courses**

The Radiology PACS Specialist Clinical Education opportunities provide students with an opportunity for in-depth application and reinforcement of principles and techniques in a PACS environment. The clinical practicum allows the student to become involved in a work situation at a professional level of technical application, and requires concentration, practice, and problem-solving.

There are two clinical education courses required for the PACS Specialist—RAPS 1130 Imaging Informatics Clinical I and RAPS 1140 Imaging Informatics Clinical II. RAPS 1130 requires that the students spend a minimum of 12 hours a week in a supervised work setting, for a total of 180 hours. RAPS 1140 requires that the students spend a minimum of 21 hours a week in a supervised work setting, for a total of 315 hours. Students may not receive pay from the clinical site for clinical education hours. Students are evaluated by the clinical site preceptor and by program faculty.

**Clinical Assignments**

Clinical times may range from 8:00 a.m.-5:00 p.m. Monday-Friday; however, some clinical assignments may be scheduled to include shift work. Clinical sites are selected by the program faculty. Students are responsible for having reliable transportation to the site.
GAINFUL EMPLOYMENT
For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at www.ogeecheetech.edu/gainful_employment.

TOP 10 REASONS
why OTC is the right choice for you!

1. Great-paying careers!
2. Strong job placement!
3. Affordable tuition with financial aid options you don’t have to pay back!
4. Over 100 majors to choose from!
5. Flexible class scheduling: day, evening, and online classes!
6. Faculty with real-world experience
7. Hands-on learning
8. Small class sizes
9. An Associate’s Degree, diploma, or certificate in less 2 years or less!
10. We GUARANTEE your education!

GET STARTED TODAY!

1. Select a program! Free career counseling is available.
2. Review the Admissions Checklist and APPLY online at www.ogeecheetech.edu!
3. Plan for expenses. You can view tuition and fees and available financial aid options online as well.

QUESTIONS:
Contact Admissions at 912.688.6994 or via email at enrollmentservices@ogeecheetech.edu!

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