

Radiology PACS Specialist Diploma (RPS4)

DESCRIPTION

The Radiology Picture Archiving Communications Specialist (PACS) 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 back-up, workstations, peripherals, and output devices.

EMPLOYMENT OPPORTUNITIES

Completers 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://siimweb.org/index.cfm?id=4062>

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;
- Meet the following assessment requirements:

TEST	Reading	Writing	Numerical
COMPASS	70	32	26
SAT	430	NA	400
ACT	13	12	17

RADIOLOGY PACS SPECIALIST DIPLOMA CURRICULUM

The curriculum for the Radiology PACS Specialist program is designed for the semester system. A student may enter the program any semester. To graduate, students must earn a minimum of 86 semester credit hours. The program requires a minimum of 1995 contact hours and generally takes 5 semesters to complete.

<u>Program Courses</u>	<u>Credits</u>
Basic Skills Courses	8
ENGL 1010 - Fundamentals of English I (OL)	3
MATH 1013 - Algebraic Concepts (OL)	3
EMPL 1000 - Interpersonal Relations and Professional Development (OL)	2
Occupational Courses	78
COMP 1000 - Introduction to Computers (OL)	3
RAPS 1110 - Introduction to Imaging Informatics	6
ALHS 1011 - Anatomy and Physiology (OL)	5
RADT 1010 - Introduction to Radiology	4
CIST 1001 - Computer Concepts	4
RAPS 1120 - Radiology Basics for Imaging Informatics	7

CIST 1101 - Working with Microsoft Windows	3
CIST 1122 - Hardware Installation and Maintenance	4
RAPS 1150 - Advanced Concepts of Imaging Informatics	7
RAPS 1160 - Theoretical Concepts of DICOM and HL7	5
CIST 1305 - Program Design and Development	3
CIST 1601 - Information Security Fundamentals	3
CIST 2411 - Microsoft Client	4
RAPS 1130 - Imaging Informatics Clinical I* (IIC1)	7
MGMT 1100 - Principles of Management	3
RAPS 1140 - Imaging Informatics Clinical II* (IIC2)	8
RAPS 1101 - Imaging Informatics Image QC/QA, Regulations and Security	2

*(OL) designation indicates course may be available online during selected semesters. * "C" or higher grade is required for this course.*

PROGRAM COSTS

Tuition/Fees: \$7,350

Books/Supplies: \$1,450

Uniform Costs: Approximately \$250*

Liability Insurance: \$11 per fiscal year

Certification Exam: \$450 (optional)

Physical Exam: \$150

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*

(Costs are estimates and are subject to change.)

CLINICAL EDUCATION

Number of Clinical Sites: 7

General Location of the Clinical Sites:

Bulloch, Candler, Chatham, Glynn, Liberty and Toombs Counties

Special Requirements of the Clinical Sites:

5. Students must submit a medical exam stating that the student is in good health by the end of the semester prior to first clinical course. This must include documentation of TB skin testing, all required immunizations. Forms will be provided by the instructor;
6. Criminal Background Check
7. Urine Drug Screen

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 Imaging Informatics Clinical I requires that the student spend a minimum of 21 hours a week in a supervised work setting, for a total of 315 hours. RAPS 1140 Imaging Informatics Clinical II requires that the students spend a minimum of 24 hours a week in a supervised work setting, for a total of 360 hours for each course. 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 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.

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!

Ogeechee Technical College does not discriminate on the basis of race, color, national origin, gender or disability. The following individuals have been designated to coordinate the College's implementation of nondiscrimination policies: Kelli Waters, Title IX Coordinator, Office 143D, JEK Building, 912.871.1885 and Penny Hendrix, ADA/Section 504 Coordinator, Office 171E, JEK Building, 912.486.7211.