Advanced Imaging Modalities  
(EMRAD-CT, EMRAD-MAMM, and AMRAD-MRI)

**Fast Facts About the Program**

**Type:** Technical  
**Degree/Certificate:** Advanced Technical Certificate, Enhanced Skills Certificate  
**Duration:** One to two terms

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**Program Information**

Are you fascinated by technology and the inner workings of the human body? If so, a career in computed tomography, mammography, or magnetic resonance imaging may be the right path for you. These imaging professionals are qualified to provide patient imaging using technology and equipment for CT, Mammography, and MRI under the supervision of a medical doctor to examine various anatomic structures in the body.

The advanced imaging modalities program at San Jacinto College:

- Prepares the A.R.R.T. registered students to work in advanced modality positions in hospitals and other health care facilities through a variety of clinical rotations
- Educates students to produce images used for assessment and diagnosis of various medical conditions
- Encourages students through a variety of methods to be clinically competent, possess critical thinking skills, communicate effectively, both written and orally, ethical and professional behavior

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**Career Opportunities**

Employment outlook is excellent and many of our students gain employment in the field prior to completion of this certificate program. Graduates of this program are employed in hospitals, clinics and imaging centers.

**Earning Potential**

Radiologic Technologist median salary: $53,260 per year*  
*Source: texaswages.com, Gulf Coast region

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For More Information  
**Call Center:** 281-998-6150  
**General Email:** information@sjcd.edu  
**San Jacinto College Central**  
8060 Spencer Hwy, Pasadena, Texas 77505  
**Contact:** 281-476-1871

An equal opportunity institution
Computed Tomography (EMRAD-CT)

Enhanced Skills Certificate

First Term Credit

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
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<tbody>
<tr>
<td>RADR 2340 Sectional Anatomy for Medical Imaging</td>
<td>3</td>
</tr>
<tr>
<td>CTMT 2336 Computed Tomography Equipment and Med</td>
<td>3</td>
</tr>
<tr>
<td>CTMT 2360 Clinical I-Computed Tomography Technology/Technician</td>
<td>3</td>
</tr>
<tr>
<td>CTMT 2361 Clinical II-Computed Tomography Technology/Technician</td>
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Enhanced Skills Certificate Total 12

Capstone Experience: CTMT 2361

Mammography Enhanced (EMRAD-MAMM)

Enhanced Skills Certificate

First Term Credit

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<th>Course</th>
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<tr>
<td>MAMT 2333 Anatomy/Positioning and Patient Assessment</td>
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<tr>
<td>MAMT 2363 Clinical - Mammography Technology/Technician</td>
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Enhanced Skills Certificate Total 6

Capstone Experience: MAMT 2363

Magnetic Resonance Imaging (AMRAD-MRI)

Advanced Technical Certificate

First Term Credit

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<tr>
<td>RADR 2340 Sectional Anatomy for Medical Imaging</td>
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<tr>
<td>MRIT 2330 Principles of Magnetic Resonance Imaging</td>
<td>3</td>
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<tr>
<td>MRIT 2334 Magnetic Resonance Equipment and Methodology</td>
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<tr>
<td>MRIT 2360 Clinical - Radiologic Technology/Science Radiographer</td>
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<td>MRIT 2461 Clinical - Radiologic Technology/Science Radiographer</td>
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Advanced Technical Certificate Total 16

Note: For complete program descriptions, please refer to the San Jacinto Community College District Catalog online at www.sanjac.edu/catalog.