Patient Care
The resident is expected to have been introduced to:
- Performing vein harvests for CABG
- Performing extra-corporeal bypass
- Performing sternotomy
- Closing the chest and cannulate
- Performing placement of ventricular assist devices (VAD)

The resident is expected to be competent at:
- Intra-operative techniques for CABG and valve replacements/repairs

The resident is expected to be proficient at:
- Work-up and management of cardiac diseases, with an emphasis on the understanding of operative options for CAD, Aortic Valve disease, Mitral and Tricuspid Valve disease
- Recognizing and managing intra-operative complications in cardiac surgery patients

Medical Knowledge
The Resident should understand:
- The pre-operative evaluation and management of patients with CAD, TAAA, heart failure, and aortic dissections
- Intraoperative CT Surgery principles (ex. Suturing techniques, choice of heart valves)
- Intraoperative Cardiology principles (ex. cardiac physiology)

Practice Based Learning and Improvement
The Resident should demonstrate the ability to:
- Evaluate published literature in critically acclaimed journals and texts
- Apply clinical trials data to patient management
- Participate in academic and clinical discussions
- Attend conferences

Interpersonal and Communication Skills
The resident is expected to demonstrate the ability to:
- Interact with patients and their family
- Interact with Nursing staff and other members of the health care team
- Interact with OR staff
- Interact with Attendings
- Interact with peer and senior Housestaff
Professionalism

*The resident should demonstrate:*

- Ability to accept constructive criticism and positive feedback on performance
- Exposure to ethical issues
- Involvement in end-of-life discussions and decisions
- Sensitivity to gender, age, race, and cultural issues
- Leadership qualities

Systems Based Practice

*The Resident should have:*

- Exposure to cost-effective care issues
- Exposure to medical-legal issues
- Knowledge of information technology/computer resources available