

Introductory Course for the NEW Transplant Professional	
Online Course Syllabus	
Core Curriculum	
Transplant Evaluation and Waitlist Management	This session covers the requirements for a transplant recipient evaluation and work up, recognizing the indications and contraindications to being a transplant recipient, the data collection required, and the education of the recipient and the family. Topic includes listing a candidate, maintaining effective communication, maintaining listing status and removal from the wait list.
Pre-Transplant Infectious Disease	The session is designed to help the learner develop an understanding of donor-derived infections by reviewing the types of donor-derived infections and how to minimize infections from occurring. The focus of this session is maximizing infection prevention before transplantation.
Post-Transplant Infectious Disease	This session discusses methods for prevention of infection after transplantation through use of vaccinations, medications and identification of strategies for safe living. Common symptoms of infection and management guidelines are reviewed.
Immunology and Histocompatibility, Part I	This session is the first of a 2 - part detailed review of immunology relating to transplantation, histocompatibility testing, virtual crossmatch, paired exchange, immunologic risk assessment and rejection.
Immunology and Histocompatibility, Part II	This session provides a detailed review of transplant immuno-biology, assessment of immunologic risk, rejection and post-transplant antibody testing.
Pharmacology	This session presents the topic of concomitant medications and drug to drug interactions in the transplant patient, dosing guidelines for regularly prescribed immunosuppression medications, and monitoring patients for use of regularly prescribed medications. This session also reviews induction agents, maintenance therapies, desensitization strategies, and medications to reduce infections and eliminate potential rejection.

Regulatory Impact on Transplantation	This session discusses the OPTN and CMS regulations and requirements and their impact on the care of transplant patients. The session will impart an overview of policy development, from start to finish, as well as the expectations of a CMS Survey and the most common citations found in order to help programs be prepared.
Skin Cancer and Transplantation	This session discusses the risks of skin cancer in solid organ transplant recipients, how to implement preventative strategies in skin surveillance, and how to diagnose and discuss appropriate treatment options for skin cancer.
Electives	
Heart Transplantation	This session will discuss the indications and contraindications for heart transplantation, how to evaluate patients for heart transplant, how to evaluate for potential surgical complications, infections, or rejection, how to monitor the patient during post-operative care, and how to evaluate the discharge and follow-up plan post-transplant. Information will incorporate UNOS listing and allocation requirements specific to the heart.
Lung Transplantation	This session will discuss the indications and contraindications for lung transplantation, how to evaluate patients for lung transplant, how to evaluate for potential surgical complications, infections, or rejection, how to monitor the patient during post-operative care, and how to evaluate the discharge and follow-up plan post-transplant. Information will incorporate UNOS listing and allocation requirements specific to the lung.
Kidney Transplantation	This session will discuss the indications and contraindications for kidney transplantation, how to evaluate patients for kidney transplant, how to evaluate for potential surgical complications, infections, or rejection, how to monitor the patient during post-operative care, and how to evaluate the discharge and follow-up plan post-transplant. Information will incorporate UNOS listing and allocation requirements specific to the kidney.

Liver Transplantation	This session will discuss the indications and contraindications for liver transplantation, how to evaluate patients for liver transplant, how to evaluate for potential surgical complications, infections, or rejection, how to monitor the patient during post-operative care, and how to evaluate the discharge and follow-up plan post-transplant. Information will incorporate UNOS listing and allocation requirements specific to the liver.
Pancreas Transplant	This session will discuss the indications and contraindications for pancreas transplantation, how to evaluate patients for pancreas transplant, how to evaluate for potential surgical complications, infections, or rejection, how to monitor the patient during post-operative care, and and how to evaluate the discharge and follow-up plan post-transplant. Information will incorporate UNOS listing and allocation requirements specific to the pancreas.
Pediatric Transplantation	This session will address the unique indications and contraindications for pediatric transplantation. The learner will be able to describe the unique components of the evaluation process and potential surgical complications for pediatric transplant patients. This session will focus on pediatric specific monitoring for infections, rejection, post-operative care, hospital discharge, and long-term management plan including transition from pediatric to adult care.