

Student Learning: Developing and Documenting Outcomes in Your Syllabus

Course Learning Outcomes – CLOs

CLO Basic Definition: CLOs are what you expect your students to be able to do/demonstrate at the end of your course. Course Directors develop their set of CLOs based on the content of the course that will be assessed.

CLOs are specific statements that describe exactly what a student will be able to do in a measurable way. (STUDENT based statement)

At the end of the course,

- ✓ The student will be able to make a preliminary impression and a diagnostic cast.
- ✓ The student will be able to direct a laboratory technician in the fabrication of a RPD using a written laboratory work authorization.

CLOs should not indicate how you will teach or cover certain topics (this is an objective, and an INSTRUCTOR based statement).

- ✗ Provide the student with the opportunity to present a case.
- ✗ Expose the student to different patient populations.

Iowa Collegiate Competencies & Domains

IOWA Domains		IOWA Competencies	
		Graduates must be competent to:	
Critical Thinking	1.1	Evaluate and integrate emerging trends in health care as appropriate.	
	1.2	Utilize critical thinking and problem-solving skills.	
	1.3	Evaluate and integrate best research outcomes with clinical expertise and patient values for evidence-based practice.	
Professionalism	2.1	Apply ethical and legal standards in the provision of dental care.	
	2.2	Predict within one's scope of competence, and consult with or refer to professional colleagues when indicated.	
	2.3	Apply appropriate interpersonal and communication skills.	
Communication & Interpersonal Skills	3.1	Apply psychosocial and behavioral principles in patient-centered health care.	
	3.2	Communicate effectively with individuals from diverse populations.	
	3.3	Provide prevention, intervention, and educational strategies.	
Health Promotion	4.1	Participate with dental team members and other healthcare professionals in the management and health promotion for all patients.	
	4.2	Recognize and appreciate the need to contribute to the improvement of oral health beyond those served in traditional practice settings.	
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Practice Management & Informatics	5.1	Evaluate and apply contemporary and emerging information including clinical and practice management technology resources.	
	5.2	Evaluate and manage current models of oral health care management and delivery.	
	5.3	Apply principles of risk management including informed consent and appropriate record keeping in patient care.	
Patient Care Assessment, Diagnosis & Treatment Planning	6.1	Recognize effective business, financial management, and human resource skills.	
	6.2	Apply quality assurance, assessment and improvement concepts.	
	6.3	Comply with local, state, and federal regulations including OSHA and HIPAA.	
Patient Care Establishment and Maintenance of Oral Health	6.4	Manage the oral health care of the infant, child, adolescent, and adult as well as the unique needs of geriatric and special needs patients.	
	6.5	Prevent, identify, and manage trauma, oral diseases and other disorders.	
	6.6	Select, obtain, and interpret patient/medical data, including a thorough intra/oral examination, and use these findings to accurately assess and manage all patients.	
	6.7	Select, obtain, and interpret diagnostic images for the individual patient.	
	6.8	Recognize the manifestations of systemic disease and how the disease and its management may affect the delivery of dental care.	
	6.9	Formulate a comprehensive diagnosis, treatment, and/or referral plan for the management of patients.	
	6.10	Utilize universal infection control guidelines for all clinical procedures.	
	6.11	Prevent, diagnose, and manage pain and anxiety in the dental patient.	
	6.12	Prevent, diagnose, and manage temporomandibular disorders.	
	6.13	Prevent, diagnose, and manage periodontal disease.	
	6.14	Prevent, diagnose, and manage caries disease.	
	6.15	Manage restorative procedures that preserve tooth structure, replace missing or defective tooth structure, maintain function, are esthetic, and promote soft and hard tissue health.	
	6.16	Diagnose and manage developmental or acquired occlusal abnormalities.	
	6.17	Manage the replacement of teeth for the partially or completely edentulous patient.	
	6.18	Prevent, diagnose, identify and manage pulp and periradicular diseases.	
	6.19	Diagnose and manage oral surgical treatment needs.	
	6.20	Prevent, recognize, and manage medical and dental emergencies.	
	6.21	Recognize and manage patient abuse and/or neglect.	
	6.22	Recognize and manage substance abuse.	
	6.23	Evaluate outcomes of comprehensive dental care.	
	6.24	Diagnose, identify, and manage oral mucosal and osseous diseases.	

Competency Basic Definition: A general statement that describes the desired knowledge, skills and attributes of a student graduating from a program. A competency defines applied skills and knowledge that enables one to successfully perform in professional contexts.

The Iowa Collegiate Competencies & Domains that you address in your course will appear on your syllabus. As the Course Director, you have identified the competencies you teach and assess. Selection of a competency indicates that your course contributes to student learning of that specific competency.

If you would like to add and/or delete any of the competencies to your course, please contact: dentistry-curriculum-mapping@uiowa.edu.