

Program Name: CIS - Database Administrator / Developer
Program Number: 10-154-6
Required DML: Portfolio/Artifacts

Student Name:
MPTC Six-Digit Student ID #:
Semester of Program Acceptance:

***Choose only 1 or 2 artifacts per Learner Outcome to include in Assessment Portfolio.**

Directions: Your completed Assessment Portfolio is a requirement for graduation. Use this Worksheet as you gather artifacts for the required Direct Measures of Learning (DML) in your program. Use columns A and B to enter dates or titles of work that show evidence of your skills and abilities. In column C; use the following key to document the type(s) of evidence you will use to demonstrate growth and/or progress: 1 = Artifact from other coursework, 2 = Integrated in reflection, 3 = Draft or first effort at required DML, 4 = Other (specify). **Note:** These criteria will be used to verify your portfolio at the time of graduation.

	A	B	C
Contact Course Instructor If No Artifact Is Listed In This Column. SUGGESTED ARTIFACT*	Artifact Linked to Outcome	Reflection Statement	Evidence of Growth/ Progress
EXIT LEARNING OUTCOMES			
Program Learner Outcomes			
Analyze business processes.	Submit electronic copy of		
107-140 <i>Introduction to Oracle</i>	business model developed		
809-195 <i>Economics</i>	in course 154-143		
154-143 <i>Relational Database Design</i>	Submit Project Plan		
107-145 <i>Introduction to System Analysis</i>	developed in MS Project		
Develop client/server applications.	Submit electronic copy of		
107-171 <i>Networking Concepts - Beginning</i>	Oracle Form, Report, PL/SQL		
107-125 <i>Client/Server Systems</i>	program, Procedure, SQL		
154-150 <i>Oracle Developer</i>	Server Form, Report, PL/SQL		
107-164 <i>Linux Server</i>	program, Oracle database		
154-146 <i>Microsoft SQL Server</i>	setup on Linux		
Develop data warehouses.	Submit electronic copy of		
154-144 <i>Data Warehouse Design and Development</i>	Data Warehouse database		
Develop relational databases.	Submit electronic copy of		
107-140 <i>Introduction to Oracle</i>	relational database developed		
154-143 <i>Relational Database Design</i>	in course 154-143		
Develop web-based applications.	Submit electronic copy of		
103-166 <i>Front Page</i>	JAVA program accessing an		
154-145 <i>Web-Based Database Design and Development</i>	Oracle Database, Submit		
152-114 <i>Java Programming</i>	elec. copy of Oracle web-based Form and Report		
Implement database and application.			
107-140 <i>Introduction to Oracle</i>	Submit electronic copy of		
154-143 <i>Relational Database Design</i>	Oracle Form, Report, PL/SQL		
154-150 <i>Oracle Developer</i>	program, Procedure, Visual		
107-115 <i>Visual Basic</i>	Basic and Visual C++		
107-116 <i>Visual C++ Programming</i>	program accessing server		
107-150 <i>Programming Logic</i>	database		

Program Learner Outcomes (cont.)	Suggested Artifact	Artifact Linked to Outcome	Reflection Statement	Evidence of Growth/Progress
Manage relational databases.	Submit electronic script for			
154-141 Oracle DBA I	creating a database, users,			
154-146 Microsoft SQL Server	user profiles, database			
154-142 Oracle DBA II	security, backup and recovery			
	of a database, monitoring			
	database, Submit specifi-			
	cation for database server			
General Education Learner Outcomes				
Apply organizational and stylistic strategies to fit subject, audience, and purpose in communication.				
801-195 Written Communication				
801-196 Oral / Interpersonal Communication				
Apply psychological principles to personal and professional relationships.				
809-199 Psychology of Human Relations				
Apply the foundational elements of economic reasoning to personal and business decision-making.				
809-195 Economics				
Determine mathematical concepts needed to solve an application.				
804-174 Survey of Mathematics				
Determine the impact of psychological and social factors have in shaping human behavior.				
809-196 Introduction to Sociology				
809-199 Psychology of Human Relations				
Evaluate content, organization, supporting materials, credibility, and style of communication for decision-making.				
801-196 Oral / Interpersonal Communication				
Evaluate political, social, and scientific views on scientific topics.				
806-194 Contemporary Issues in Science				
Examine the complexities of society from a sociological perspective.				
809-196 Introduction to Sociology				
Perform mathematical calculations.				
804-174 Survey of Mathematics				
Elective OR Other Courses (course number and title)				
Core Abilities Indicate _____ Inventory and/or _____ Integrated in Reflections				
Work Cooperatively				
Complete assigned tasks for team/group work.				
Use collaborative strategies to complete tasks.				
Exchange information, ideas, and opinions in a team/group setting.				
Show evidence of respect for diversity.				

Core Abilities (cont.)	Suggested Artifact	Artifact Linked to Outcome	Reflection Statement	Evidence of Growth/Progress
Act Responsibly				
<i>Complete assigned tasks according to prescribed deadlines.</i>				
<i>Complete assigned tasks according to prescribed criteria.</i>				
<i>Adhere to established attendance criteria.</i>				
Value Self Positively				
<i>Adapt hygiene and appearance to requirements of work and educational environment.</i>				
<i>Identify personal strengths and areas for improvement.</i>				
<i>Exchange information, ideas, and opinions in a team/group setting.</i>				
<i>Show evidence of respect for diversity.</i>				
Think Critically and Creatively				
<i>Distinguish between fact and opinion.</i>				
<i>Synthesize information from a variety of sources.</i>				
<i>Use problem-solving and decision-making strategies.</i>				
<i>Apply global perspective to decisions and actions.</i>				
Communicate Clearly				
<i>Use bias-free language.</i>				
<i>Use language that is free of obscenities.</i>				
<i>Apply listening skills.</i>				
<i>Apply standard rules of language structure including grammar, spelling, and punctuation.</i>				
Work Productively				
<i>Complete assigned tasks according to established conditions.</i>				
<i>Evaluate work using established criteria.</i>				
Learn Effectively				
<i>Use resources to meet learning needs.</i>				
<i>Organize information.</i>				
<i>Produce evidence of learning.</i>				