

**Portland Community College
Associate of Applied Science in Computer Information Systems**

to

**Oregon Institute of Technology's
Bachelor of Science in Information Technology, Business/Systems Analysis Option
2006-2007 Catalog**

It is agreed that students transferring from Portland Community College's Associate of Applied Science in Computer Information Systems to Oregon Institute of Technology's Bachelor of Science in Information Technology, Business/Systems Analysis Option will be given full credit for all selected courses listed below. This agreement is based on the evaluation of the rigor and content of the general education and technical courses at both Portland Community College (PCC) and Oregon Institute of Technology (OIT) and is subject to a yearly reevaluation by both schools for continuance. This agreement is dated June 5, 2007.

Baccalaureate students at OIT must complete a minimum of 60 credits of upper-division work before a degree will be awarded. Upper-division is defined as 300 and 400-level classes at a bachelor's degree-granting institution. Baccalaureate students at OIT must complete 45 credits from OIT before a degree will be awarded.

Transfer students may guarantee their catalog of graduation by obtaining written approval from their OIT major department and the Registrar. The agreed upon catalog will be the one a student uses when he/she transfers to OIT. Students must enroll at OIT within two years of this approval.

Technical Courses

Portland Community College Course Number & Title	Qtr Units	Oregon Institute of Technology Course Number & Title	Qtr Units
CIS/CS Elective	24	Technical Elective	24
CIS 120 - Computer Concepts I	4	Technical Elective	4
CIS 121 - Computer Concepts II	4	Technical Elective	4
CIS 122 - Software Design	4	Technical Elective	4
CIS 125D Database Applications Development I (CS/CIS Elective)	4	MIS 113 Introduction to Relational Databases	3
		Elective	1
CS/CIS 140 – Operating Systems	4	Technical Elective	4
CIS 179– Data Communication Concepts I	4	MIS 325 Computer Networks I	4
CIS 233B Intermediate Visual Basic .NET Programming	4	MIS 215 Business Application Programming	4
CIS 275 Data Modeling and SQL	4	MIS 313 Relational Database Systems	4
CIS 244 Structured Systems Analysis	4	MIS 312 Systems Analysis	4
Programming Elective Sequence			
CIS 133B Introduction to Visual Basic .NET Programming	4	MIS 115 Visual BASIC Programming	4
CIS 233B Intermediate Visual Basic .NET Programming	4	MIS 215 Business Application Programming	4
Total Credits	68	Total Credits ¹	68

- OIT will accept all credits. However, only 40 credits will apply towards the Information Technology Degree

General Education Courses

Portland Community College Course Number & Title	Qtr Units	Oregon Institute of Technology Course Number & Title	Qtr Units
Business Elective BA 211 Principles of Accounting I CIS/CS Elective	3 1	ACC 201 Principles of Accounting I	4
Business Elective BA 212 Principles of Accounting I CIS/CS Elective	3 1	ACC 202 Principles of Accounting 1	4
General Education Elective ²	17	Humanities Elective	9
		MATH 111 College Algebra	4
		Lab Science Elective	4
WR121 English Composition	4	WRI 121 English Composition Elective	3 1
WR 227 Technical Writing	4	WRI 227 Technical Report Writing Elective	3 1
Additional Credits	32	Additional Credits	32
Total Accumulated Credits	100	Total Accumulated Credits ³	100

- The 16 credits must include at least one course and no more than 8 credits from each of the following 3 categories: Arts and Humanities, Social Science, and Mathematics, Natural and Physical Sciences, and Computer Studies. *See OIT's requirement for Math/Science/Social Science below.*
- OIT will accept all of PCC's credits. However, only 70 credits will apply towards OIT's Information Technology, Business/Systems Analysis Option.

**Courses not required for PCC's Computer Information Systems Program but
required for OIT's Information Technology, Business/Systems Analysis Option
Can be taken at PCC or OIT**

Portland Community College Course Number & Title	Qtr Units	Oregon Institute of Technology Course Number & Title	Qtr Units
BA 206 Principles of Management	3	BUS 215 Principles of Management	3
BA 213 Principles of Accounting III CIS/CS Elective	3 1	ACC 203 Principles of Managerial Accounting	4
BA 223 Principles of Marketing	3	BUS 306 Principles of Marketing	3
BA 226 Business Law I	3	BUS 355 Business Law	3
CAS 170 Beginning Excel	3	MIS 102 Spreadsheet Software Lab Elective	1 2
CIS 276 Advanced SQL	4	MIS 335 Database Programming	4
EC 201 Principles of Economics: Microeconomics	4	ECO 201N Principles of Economics, Microeconomics	3
		Social Science Elective	1
EC 202 Principles of Economics: Macroeconomics	4	ECO 202N Principles of Economics, Macroeconomics	3
		Social Science Elective	1

MTH 251 Calculus I	4	MATH 371 Finite Mathematics and Calculus I	4
Math/Science/Social Science	12	Math/Science/Social Science	12
PSY 201 Psychology	4	PSY 201 Psychology Social Science Elective	3 1
SP 111 Fundamentals of Speech	4	SPE 111 Fundamentals of Speech Communications Elective	3 1
SP 215 Small Group Communication: Process and Theory	4	SPE 321 Small Group and Team Communication Communication Elective	3 1
WR 122 English Composition	4	WRI 122 English Composition Communications Elective	3 1
Additional Credits	60	Additional Credits ⁴	60
Total Accumulated Credits	160	Total Accumulated Credits ⁵	160

4. OIT will accept all credits from PCC. However, only 127 credits will apply towards OIT's Information Technology, Business/Systems Analysis Option.
5. Baccalaureate students must complete a minimum of 60 credits of upper-division work, before a degree will be awarded. Upper-division is defined as 300- and 400-level classes at a bachelor's degree granting institution. Baccalaureate students at OIT must complete 45 credits from OIT before a degree will be granted.

In addition to the above courses, the courses listed below are also required for the Bachelor of Science in Information Technology, Application Development Option and are offered only at OIT.

Oregon Institute of Technology Course Number & Title	Qtr Units
BUS 445 Business Presentations	3
BUS 456 Business Research Methods	3
BUS 458 Process Improvement	3
IMGT 345 Engineering Economy	3
MATH 361 Statistical Methods	4
MIS 206 Intro to Management Information Systems	3
MIS 225 Business on the Internet	4
MIS 256 Hardware/Software Integration	4
MIS 375 Decision Support Systems	3
MIS 457 Computer Networks II	4
MIS 479 Current Topics in Information Technology	3
MIS 489 Cases in Management Information Systems	3
MIS 495 Senior Project Proposal	1

MIS 496 Senior Project I	3
MIS 497 Senior Project II	3
MIS 498 Senior Project III	3
PSY 347 Organizational Behavior	3
PSY 410 Organizational Change and Development	3
WRI 327 Advanced Technical Wiring	3
WRI 350 Documentation Development	3
Additional Credits	62
Total Accumulated Credits	222