Southwestern Indian Polytechnic Institute
Advanced Technical Education
PROGRAM OF STUDY – CERTIFICATE OF COMPLETION
COMPUTER AIDED DRAFTING AND DESIGN – 15.1302

Student _____ ID Number _____
Last First MI

Entry or Readmission Date _____ Advisor _____

SIPI Catalog Edition: **2007**

TECHNICAL PROGRAM REQUIREMENT (28 Cr. Hrs. Required)

Course No.	Course Title	Credit	Term/Year	Grade	Accepted as Transfer or Substitute Course
ENGR 101	Introduction to CAD	3	_____	___	_____
ENGR 102	Advanced CAD	3	_____	___	_____
ENGR 103	Engineering Graphics	4	_____	___	_____
ENGR 104	Mechanical and Electrical Drawing Applications	4	_____	___	_____
ENGR 105	Introduction to Engineering and Design	3	_____	___	_____
ENGR 106	Solid Modeling	3	_____	___	_____
MT 211L	Intro. to Computer Numerical Control	4	_____	___	_____
MT 212L	Advanced Computer Numerical Control	4	_____	___	_____

ACADEMIC COMPONENT REQUIREMENT (12 Cr. Hrs. Required)

Communications Elective (3 Cr. Hrs. Required)

_____	_____	__	_____	___	_____

Consult Academic Advisor. Select from: ENGL 101
or ENGL 102

Mathematics Elective (6 Cr. Hrs. Required)

_____	_____	__	_____	___	_____
_____	_____	__	_____	___	_____

Consult Academic Advisor. Select from: MATH 120,
MATH 121, MATH 123, or MATH 150

Computer Science (3 Cr. Hrs. Required)

COSC 107	Computer Literacy	3	_____	___	_____

TOTAL CREDIT HOURS REQUIRED FOR A CERTIFICATE OF COMPLETION: 40
Note: The minimum grade requirement for awarding a Certificate of Completion in Computer Aided Drafting and Design is a "C" or better in all required courses.

Approved AAC: Dec. 2006
August 18, 2008