EDMONDS COMMUNITY COLLEGE

20000 68th Ave W
Lynnwood, WA 98036-5999
www.edcc.edu

Manufacturing & Materials Technology
ATA Degree
Program Requirements
2011-2012

Student Name: _____
Student ID: _____

Program Description
This ATA degree is designed for students who have little or no experience in general manufacturing or aerospace manufacturing and who want to gain a basic knowledge and understanding of manufacturing procedures and processes. Students with this degree would be competitive for entry level jobs in a manufacturing or aerospace industry environment. Students who earn this degree will have a strong foundation to continue with our AAS-T degree in Materials Science.

Credit/Grade Requirements
The ATA degree is awarded upon completion of a minimum of 90 credits as outlined in the program requirements. A minimum of 30 credits or one-third of the required credits, whichever is less, must be earned at Edmonds Community College. Students are required to maintain a minimum cumulative grade point average of 2.0 in all college-level courses.

General Education/Related Instruction Requirements
Students who complete degrees or certificates of 45 credits or more are required to demonstrate learning in the following general education/related instruction areas: communications, computation/quantitative skills, and human relations/group interaction.

Common Course Numbering Changes
Please refer to www.edcc.edu/ccn for more information.

Cultural Diversity
Edmonds Community College requires that students earning a degree or certificate of 45 credits or more meet the Cultural Diversity Requirement. Courses that satisfy this requirement are marked as ":CD" on the requirement sheet and/or "Meets Cultural Diversity Requirement" in the quarterly class schedule.

Students Are Advised To
- Consult with a faculty adviser quarterly for course selection and completion of degree requirements and plan their schedule several quarters in advance. *Note: All decisions on selection of courses are ultimately the responsibility of the student*
- Review the college catalog for required course prerequisites and include these in schedule planning
- Send for transcripts from other colleges where the student has earned credits and request a transcript evaluation. Transcripts are to be mailed to the Enrollment Services Office at Edmonds Community College. Transcript evaluation forms are available through Enrollment Services

Graduation Application
A completed Graduation Application form must be submitted to Enrollment Services by the 10th day of the quarter in which the student expects to graduate. Forms are available at Enrollment Services located in Lynnwood Hall or online at www.edcc.edu/credentials/.

Adviser
Ross Monroe ross.monroe@edcc.edu   425 640-1944

College Resources
Home Page	http://www.edcc.edu
How to Enroll	http://getstarted.edcc.edu
Transfer Center	http://transfer.edcc.edu
College Bookstore	http: //bookstore.edcc.edu
Advising appointments	425-640-1458

PGM CODE – 603S
Effective summer 2011   **Rev 2/11**
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Edmonds Community College certificate or degree is ultimately the responsibility of the student.

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Course			Qtr	Cr	Grade

I. General Education/Related Instruction Requirements (27 Credits)

Communication Skills 10 credits

ENGL	100	Intro to College Writing **OR**			
ENGL&	101	English Composition I	_____	5	_____
CMST&	101	Introduction to Communications:CD **OR**			
CMST&	210	Interpersonal Communication **OR**			
CMST&	220	Public Speaking	_____	5	_____

Computation/Quantitative Skills 5 credits

BUS	130	Business Math **OR** Math class numbered above 100	_____	5	_____

Human Relations/Group Interaction 10 credits

MGMT	100	Human Relations in Org:CD	_____	5	_____
BUS&	101	Introduction to Business	_____	5	_____

Career Management 2 credits

MST	292	Career Planning	_____	2	_____

II. Program Requirements (55 – 61 credits)

Engineering, Science & Technology 20 credits

CHEM&	121	Introduction to Chemistry	_____	5	_____
ENGR&	114	Engineering Graphics	_____	5	_____
CEN	210	Electronics For A+ **OR**			
CEN	105	Intro to Electronics	_____	5	_____
CIS	100	Intro to Bus Computing **OR**			
BSTEC	130	Computer Fundamentals	_____	5	_____

Materials Science, & Technology 35 – 41 credits

MST	110	Manufacturing Basics	_____	5 - 7	_____
MST	120	Introduction to Metrology	_____	5 - 7	_____
MST	130	Quality Assurance Tools	_____	5 - 7	_____
MST	175	Introduction to Materials Science	_____	5	_____
MST	180	Polymer Technology	_____	5	_____
MST	200	Introduction to Composites	_____	5	_____
MST	211	Lean Manufacturing	_____	5	_____

III. Technical Electives (6 - 8 Credits)

Approved by Adviser

_____	____	_____	_____	___	_____
_____	____	_____	_____	___	_____
_____	____	_____	_____	___	_____
_____	____	_____	_____	___	_____

Total Credits (minimum 90) _____

☐ Cultural Diversity Requirement Met_____

Course Title/Number

_____   _____
Adviser's Signature   Date   Dean's Signature   Date

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