TEXAS A&M ENGINEERING Polymer Specialty Certificate

Worksheet

Student Name:	Date:	UIN:
Email:		

To earn the Polymer Specialty Certificate, a student must complete a minimum of 12 semester credit hours selected from the lists below:

AERO 606 Multifunctional Materials	Core Courses (select 6 credit hours)		Semester	Grade
AERO 606 Multifunctional Materials BMEN 482/682 Polymeric Biomaterials CHEN 451 Intro to Polymer Engineering CHEN 451 Polymer Engineering MEEN 458 Processing & Characterization of Polymers MEEN 458 Processing & Characterization of Polymers MEEN 607 Polymer Physical Properties MEEN 635 Flow and Fracture of Polymeric Solids CHEM 466 Polymer Chemistry Approved Technical Electives (select 6 credit hours) MEEN 451 Viscoelastic Solids MEEN 453 Polymer Laboratories BMEN 683 Polymer Jaboratories BMEN 683 Polymer Solids and Structure CHEN 642 Colloidal & Interfacial *AERO 485 or 491 Individual Research *BMEN 485 or 491 Individual Research *BMEN 485 or 491 Individual Research *CHEN 485 or 491 Individual Research *CHEN 485 or 491 Individual Research *CHEN 485 or 491 Individual Research *MEEN 485 or 491 Individual Research *MEEN 485 or 491 Individual Research *MEEN 485 or 491 Individual			Taken	Received
AERO 606 Multifunctional Materials BMEN 482/682 Polymeric Biomaterials CHEN 451 Intro to Polymer Engineering CHEN 451 Polymer Engineering MEEN 458 Processing & Characterization of Polymers MEEN 458 Processing & Characterization of Polymers MEEN 607 Polymer Physical Properties MEEN 635 Flow and Fracture of Polymeric Solids CHEM 466 Polymer Chemistry Approved Technical Electives (select 6 credit hours) MEEN 451 Viscoelastic Solids MEEN 453 Polymer Laboratories BMEN 683 Polymer Jaboratories BMEN 683 Polymer Solids and Structure CHEN 642 Colloidal & Interfacial *AERO 485 or 491 Individual Research *BMEN 485 or 491 Individual Research *BMEN 485 or 491 Individual Research *CHEN 485 or 491 Individual Research *CHEN 485 or 491 Individual Research *CHEN 485 or 491 Individual Research *MEEN 485 or 491 Individual Research *MEEN 485 or 491 Individual Research *MEEN 485 or 491 Individual	AERO 406	Polymer Nanocomposites and Their Applications		
BMEN 482/682 Polymer Engineering CHEN 451 Intro to Polymer Engineering MEEN 455 Engineering with Plastics MEEN 458 Processing & Characterization of Polymers MEEN 607 Polymer Physical Properties MEEN 635 Flow and Fracture of Polymeric Solids CHEM 466 Polymer Chemistry Approved Technical Electives (select 6 credit hours) MEEN 606 Polymer Laboratories MEEN 606 Polymer Laboratories BMEN 683 Polymer Eliomaterial Synthesis MEEN 647 Viscoelastic to Solids and Structure CHEN 642 Colloidal & Interfacial *AERO 485 or 491 Individual Research *BAEN 485 or 491 Individual Research *CHEM 485 or 491 Individual Research *CHEM 485 or 491 Individual Research *CHEN 485 or 491 Individual Research *CHEN 485 or 491 Individual Research *CHEN 485 or 689 Polymer Related Research *CHEN 485 or 689 Polymer Related Research *AERO 489 or 689 Polymer Related Research *AERO 489 or 689 Polymer Related Research *CHEM 489 or	AERO 606			
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MEEN 607 Polymer Physical Properties	MEEN 458			
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*Up to 3 hours of credit can be used to satisfy approved technical electives with research emphasizing polymers (provided polymer coursework has been initiated). Research must be approved by the Director of the Polymer Technology Center.

Note:

- 1. Students should take at least 2 courses outside of their department to receive the Polymer Certificate.
- 2. It is recommended that students take 6 hours of coursework above what is required for their degree program. (eff. 06/18/10)
- 3. Substitution of 489/689 courses may be allowed by approval of the Program Coordinator.
- This form will be verified by the Polymer Technology Center and approval given upon verification of 4. requirements by the Program Coordinator to earn the certificate.

For the Polymer Technology Center:

Date: