NPS Master Curriculum Chart

School / Curriculum / Degree	Length	Convenes	PO	Refresher	APC	JPME	Dept	Department Chair	Academic Associate	Program Officer	Ph D. Committee Chair	P_Codes
School of International Graduate Studies - Dean James J. Wirtz												
240 - International Defense Planning Certificate												
CERT OF COMPL, Defense Planning Certificate (Planning)	3	Winter	5238		365		NSA	James C. Moltz	Thomas D. Young	Paul E. Rasmussen		2000L
249 - Regional Security Studies (Middle East, South Asia, & Sub-Saharan Africa)												
CERT OF COMPL, Regional Security Studies (Middle East, South Asia, and Sub-Sahara	9	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Emily L. Meierding	Paul E. Rasmussen		2101L
247 - Regional Security Studies (Eastern Hemisphere)												
CERT OF COMPL Regional Security Studies (East and Southeast Asia)	9	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Michael A. Glosny	Paul E. Rasmussen		2102L
248 - Regional Security Studies (Western Hemisphere)												
CERT OF COMPL, Regional Security Studies (Western Hemisphere)	9	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Christopher N. Darnton	Paul E. Rasmussen		2103L
246 - Regional Security Studies (Europe & Eurasia)												
CERT OF COMPL Regional Security Studies (Europe and Eurasia)	9	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Christopher N. Darnton	Paul E. Rasmussen		2104L
290 - Homeland Security and Defense												
MA Security Studies (Intelligence Operations	18	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Christopher C. Bone	Paul E. Rasmussen		None\
231 - Homeland Security and Defense Certificate (Res)												
CERT OF COMPL, Homeland Security (Homeland Security and Defense)	15	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Carolyn C. Halladay	Paul E. Rasmussen		2650L
691 - Middle East, South Asia, Sub-Saharan Africa												
MA Security Studies (Middle East, South Asia, Sub-Saharan Africa)	18	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Emily L. Meierding	Paul E. Rasmussen		2101F
692 - Far East, Southeast Asia, Pacific												
MA Security Studies (Far East, Southeast Asia, the Pacific)	18	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Michael A. Glosny	Paul E. Rasmussen		2102F
693 - Western Hemisphere												
MA Security Studies (Western Hemisphere)	18	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Christopher N. Darnton	Paul E. Rasmussen		2103F
694 - Europe and Eurasia												
MA Security Studies (Europe and Eurasia)	18	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Christopher N. Darnton	Paul E. Rasmussen		2104F
695 - Civil-Military Relations												
MA Security Studies (Civil-Military Relations)	15	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Carolyn C. Halladay	Paul E. Rasmussen		None\
689 - Security Studies												
MA Security Studies (Strategic Studies)	15	Fall / Winter / Spring / Summer	5238	JPME	265	JPME	NSA	James C. Moltz	Carolyn C. Halladay	Paul E. Rasmussen		2301F
691 - Homeland Security and Defense												
MA Security Studies (Homeland Security and Defense)	18	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Carolyn C. Halladay	Paul E. Rasmussen		2650F
692 - Homeland Defense and Security (Hybrid)												
MA Security Studies (Homeland Security and Defense)	18	Fall / Spring	5238		0		NSA	James C. Moltz	Carolyn C. Halladay	Erik J. Dahl		2650F
453 - Combating Terrorism: Policy and Strategy												
MA Security Studies (Combating Terrorism: Policy and Strategy)	15	Fall / Winter / Spring / Summer	5238		265		NSA	James C. Moltz	Carolyn C. Halladay	Paul E. Rasmussen		None\
694 - Space Studies												
PhD Space Studies	36	Fall / Winter / Spring / Summer	5238		0		NSA	James C. Moltz	[Unassigned]	Paul E. Rasmussen	Erik J. Dahl	2000D
Provost Oversight - Dean Steven R. Lerman												
234 - Defense Energy Certificate												
CERT OF COMPL, Energy	12	Fall / Winter / Spring / Summer	5299		365		EAG	Daniel A. Nussbaum	Kevin J. Maher	Kevin J. Maher		3005L
236 - Energy Certificate												
CERT OF COMPL, Energy	12	Spring	5299		365		EAG	Daniel A. Nussbaum	Kevin J. Maher	Kevin J. Maher		3005L
308 - Systems Engineering Analysis												
MS Systems Engineering	24	Summer	5238	JPME	SE		Rene E. Giachetti		Mark Stevens	Anthony Aiel		6500P, 6501P
MS Systems Engineering Analysis		Summer			SE/OR		Jeffrey E. Kline		Mark Stevens	Anthony Aiel		6500P, 6501P
Graduate School of Operational and Information Sciences - Dean Gordon H. McCormi												
170 - Federal/DoD Identity Management Professional Edu												
NONE Not Applicable	6	Fall / Winter / Spring / Summer	5232		0		CS	Peter J. Denning	Alan B. Shaffer	Lemar D. Adams		6203K
231 - Applied Cyber Operations (DL)												
CERT OF COMPL, Applied Cyber Operations	9	Fall / Spring	5232		344		IS	Dan C. Boger	Duane T. Davis	[Unassigned]		6206L
229 - Applied Cyber Operations												
CERT OF COMPL, Applied Cyber Operations	9	Fall / Spring	5232		344		IS	Dan C. Boger	Duane T. Davis	[Unassigned]		6206L
227 - Cyber Operations Infrastructure (DL)												
CERT OF COMPL, Cyber Operations Infrastructure	9	Winter / Summer	5232		344		CAG	Ralph C. Robertson	Duane T. Davis	[Unassigned]		6208L
228 - Cyber Operations Infrastructure (Res)												
CERT OF COMPL, Cyber Operations Infrastructure	9	Winter / Summer	5232		344		CAG	Ralph C. Robertson	Duane T. Davis	[Unassigned]		6208L
240 - Healthcare Modeling & Simulation Certificate (DL)												
CERT OF COMPL, Healthcare Modeling & Simulation Certificate	12		5232		325		CS	Peter J. Denning	Rudolph P. Darken	Marianna J. Jones		None\
250 - Cyber Security Fundamentals												
CERT OF COMPL, Cyber Security Fundamentals	3	Fall / Winter / Spring / Summer	5232		325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
CERT OF COMPL, Cyber Security Fundamentals		Fall / Winter / Spring / Summer			325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
251 - Cyber Security Fundamentals												
CERT OF COMPL, Cyber Security Fundamentals	6	Fall / Winter / Spring / Summer	5232		325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
CERT OF COMPL, Cyber Security Fundamentals		Fall / Winter / Spring / Summer			325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
252 - Cyber Security Fundamentals												
CERT OF COMPL, Cyber Security Fundamentals	6	Fall / Winter / Spring / Summer	5232		325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
CERT OF COMPL, Cyber Security Fundamentals		Fall / Winter / Spring / Summer			325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
305 - Software Engineering (DL)												
CERT OF COMPL, Cyber Security Defense	9	Fall / Winter / Spring / Summer	5232		325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
219 - Cyber Security Defense												
CERT OF COMPL, Cyber Security Defense	9	Fall / Winter / Spring / Summer	5232		325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
260 - Cyber Security Advanced Technologies (DL)												
CERT OF COMPL, Cyber Security Advanced Technologies	6	Fall / Winter / Spring / Summer	5232		325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
261 - Cyber Security Advanced Technologies (Res)												
CERT OF COMPL, Cyber Security Advanced Technologies	6	Fall / Winter / Spring / Summer	5232		325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
262 - Network Operations and Technology (Technology) Certificate (DL)												
CERT OF COMPL, Human Systems Integration	12		5232		140		OR	W.M.Carlyle	Lawrence G. Shattuck	Lawrence G. Shattuck		4600L
268 - Data Science (DL)												
CERT OF COMPL, Data Science	12	Fall	5232		335		CS	Peter J. Denning	Robert F. Dell	Kevin J. Maher		None\
270 - Information Assurance Technology Cert (Dl & Cl)												
CERT OF COMPL, Information Systems Security Engineering	9	Fall / Winter / Spring / Summer	5232		325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
271 - Network Operations and Technology (Operations) Certificate (DL)												
CERT OF COMPL, Information Systems and Operations	12	Fall / Winter / Spring / Summer	5232		0		IS	Dan C. Boger	Steven J. Iatrou	Steven J. Iatrou		6200L
272 - Network Operations and Technology (Operations) Certificate							IS	Dan C. Boger	Steven J. Iatrou	Steven J. Iatrou		6200L
273 - Network Operations and Technology (Technology) Certificate (DL)												
CERT OF COMPL, Information Systems Technology	12	Fall / Winter / Spring / Summer	5232		0		IS	Dan C. Boger	Steven J. Iatrou	Steven J. Iatrou		6200L, 6201L
274 - Network Operations and Technology (Technology) Certificate							IS	Dan C. Boger	Steven J. Iatrou	Steven J. Iatrou		6200L, 6201L
276 - NPGS Graduate Credit Certificate (DL)												
NONE Not Applicable	9	Fall / Winter / Spring / Summer	5232		0		IS	Dan C. Boger	Steven J. Iatrou	Steven J. Iatrou		None\
275 - NPGS Graduate Credit Certificate (Res)												
NONE Not Applicable	9	Fall / Winter / Spring / Summer	5232		0		IS	Dan C. Boger	Mark E. Nissen	Mark E. Nissen		6201L
278 - Federal/DoD Identity Management Certificate (Hybrid)												
CERT OF COMPL, Federal/DoD Identity Management	6	Fall / Winter / Spring / Summer	5232		325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203L
291 - Systems Analysis Certificate (DL)												
CERT OF COMPL, Cost Estimating and Analysis	12	Fall / Spring	5261		335		OR	W.M.Carlyle	Steven E. Pilnick	Brian L. Morgan		3210L
290 - Cost Estimating and Analysis Certificate (DL)												
CERT OF COMPL, Cost Estimating and Analysis	12	Summer	5261		335		OR	W.M.Carlyle	Kevin J. Maher	Kevin J. Maher		5300L
CERT OF COMPL, Cost Estimating and Analysis							OR	W.M.Carlyle	Kevin J. Maher	Kevin J. Maher		5300L
326 - Cyber Systems and Operations												
MS Cyber Systems and Operations	21	Fall / Spring	5232	12	344	JPME	IS	Dan C. Boger	Preetha Thulasiraman	Anthony Aiel		6208F
MS Cyber Systems and Operations		Fall / Spring	5232	12			CS	Peter J. Denning	Preetha Thulasiraman	Anthony Aiel		6208F
MS Engineering Science (Electrical Engineering)		Fall / Spring		12			ECE	Ralph C. Robertson	Preetha Thulasiraman	Anthony Aiel		6208F
MS Electrical Engineering		Fall / Spring		12			ECE	Ralph C. Robertson	Preetha Thulasiraman	Anthony Aiel		6208F
327 - Cyber Systems and Operations (DL)												
MS Cyber Systems and Operations	27	Fall	5232		344		IS	Dan C. Boger	Duane T. Davis	Eric T. Regnier		None, none\
MS Cyber Systems and Operations		Fall					CS	Peter J. Denning	Duane T. Davis	Eric T. Regnier		None, none\
MS Engineering Science		Fall					ECE	Ralph C. Robertson	Duane T. Davis	Eric T. Regnier		None, none\
MS Electrical Engineering		Fall					IS	Dan C. Boger	Duane T. Davis	Eric T. Regnier		None, none\
336 - Applied Cyber Operations												
MS Applied Cyber Operations	12	Fall / Spring	5232		344		IS	Dan C. Boger	Duane T. Davis	Anthony Aiel		None
356 - Information Systems & Operations												
MS Information Systems and Operations	18	Fall	5237		334	JPME	IS	Dan C. Boger	Steven J. Iatrou	[Unassigned]		6100P
301 - Computing Technology (DL)												
MS Computer Science	48	Winter / Summer	5232		325		CS	Peter J. Denning	Alan B. Shaffer	Loren E. Peitso		None
359 - Operations Analysis (Hybrid)												
MS Operations Research	24	Fall	5261	12	325		OR	W.M.Carlyle	Steven E. Pilnick	Matthew T. Geiger		3213P
360 - Information Warfare Systems Engineering (DL)												
M Human Systems Integration	24	Fall	5261	12	345		OR	W.M.Carlyle	Lawrence G. Shattuck	Lawrence G. Shattuck		none
360 - Operations Analysis												
MS Operations Research (Operations Research)	24	Fall / Spring	5261	12 / 24	325	JPME	OR	W.M.Carlyle	David L. Alderson	Brian L. Morgan		3210L 3211P
		Fall / Spring		12 / 24			OR	W.M.Carlyle	David L. Alderson	Brian L. Morgan		3210L 3211P
361 - Operations Research Logistics Analysis												
MS Operations Research	24	Fall / Spring	5261	12 / 24	325	JPME	OR	W.M.Carlyle	Steven E. Pilnick	Matthew T. Geiger		3213P
362 - Human Systems Integration												
MS Human Systems Integration	24	Fall	5261	12	335	JPME	OR	W.M.Carlyle	Lawrence G. Shattuck	Matthew T. Geiger		4600P
363 - Systems Analysis (DL)												
MS Operations Research	24	Fall / Spring	5261		335		OR	W.M.Carlyle	Steven E. Pilnick	Brian L. Morgan		3210P
365 - Joint Cmd, Cntrl, Comm, Comp/Intel (CdI Sys												
MS Systems Technology (Command, Control, and Communications)	24	Fall	5238		334		IS	Dan C. Boger	Steven J. Iatrou	Anthony Aiel		None\
368 - Computer Science												
MS Computer Science	24	Fall / Spring	5232	12	325	JPME	CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203P
369 - Software Persistent & DL)												
MS Software Engineering	18	Fall / Winter / Spring / Summer	5232	12	325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203P
370 - Identity Management and Cyber Security												
MI Identity Management and Cyber Security	24	Fall	5232	12	344		IS	Dan C. Boger	Glen H. Cook	Anthony Aiel		None\
376 - Computer Science (DL)												
MS Computer Science	24	Fall / Winter / Spring / Summer	5232	12	323	JPME	CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier		6203P, None
377 - Identity Management and Cyber Security												
MI Identity Management and Cyber Security	18	Fall	5232		344		CS	Peter J. Denning	Paul C. Clark	Eric T. Regnier		None
378 - Identity Management and Cyber Security (Res)												
MI Identity Management and Cyber Security	12	Fall	5232		344		CS	Peter J. Denning	Paul C. Clark	Eric T. Regnier		None
379 - Cost Estimating and Analysis												
M Cost Estimating and Analysis	24	Spring	5261	12	335		OR	W.M.Carlyle	Kevin J. Maher	Kevin J. Maher		NAQ, None
M Cost Estimating and Analysis		Spring					OR	W.M.Carlyle	Kevin J. Maher	Kevin J. Maher		NAQ, None
M Cost Estimating and Analysis		Spring					OR	W.M.Carlyle	Kevin J. Maher	Kevin J. Maher		NAQ, None
M Cost Estimating and Analysis		Spring					OR	W.M.Carlyle	Kevin J. Maher	Kevin J. Maher		NAQ, None
382 - Operations Analysis (PhD)												
PhD Operations Analysis	36	Fall / Spring	5261	12 / 24	325	JPME	OR	W.M.Carlyle	Michael P. Atkinson	Brian L. Morgan	W.M. Carlyle	3211D
384 - Computer Science Phd(no												
PhD Computer Science	36	Fall / Spring	5232	12	323	JPME	CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier	Dennis M. Volpano	6203D
385 - Software Engineering (PhD)												
PhD Software Engineering	36	Fall / Winter / Spring / Summer	5232	12	325		CS	Peter J. Denning	Alan B. Shaffer	Eric T. Regnier	Neil C. Rowe	6203D
386 - Network Operations and Technology												
MS Network Operations and Technology	21	Fall	5232	12	325	JPME	CS	Peter J. Denning	Glen H. Cook	Eric T. Regnier		6206P
388 - Modeling, Virtual Environments & Simulation (PhD)												
PhD Modeling, Virtual Environments, and Simulation	36	Fall	5238	12	325	JPME	CS	Peter J. Denning	Christian J. Darken	Eric T. Regnier	Donald P. Brutzman	6202D
389 - Modeling, Virtual Environments & Simulation												
MS Modeling, Virtual Environments, and Simulation	21	Fall	5238	12	325	JPME	CS	Peter J. Denning	Christian J. Darken	Eric T. Regnier		6202P
473 - Information Sciences (Hybrid)												
PhD Information Sciences	36	Fall / Winter / Spring / Summer	5238		0		IS	Dan C. Boger	Alex Bordetsky	Dan C. Boger	Alex Bordetsky	6201D
474 - Information Sciences (PhD)												
PhD Information Sciences	36	Fall / Winter / Spring / Summer	5238		0		IS	Dan C. Boger	Alex Bordetsky	Dan C. Boger	Alex Bordetsky	6201D
478 - Remote Sensing												
MS Remote Sensing Intelligence	12	Fall	5261		234		IS	Dan C. Boger	Richard C. Olsen	Anthony Aiel		none
388 - Information Warfare												
MS Information Warfare Systems Engineering	24	Summer	5237		324		IS	Dan C. Boger	Steven J. Iatrou	Anthony Aiel		None\
698 - Information Warfare Certificate												
MS Information Warfare and Joint Operations	19	Winter / Summer	5237		265		DA	John J. Arquilla	Ric S. Rothstein	Jennifer J. Duncan		None
499 - Special Operations												
MS Special Operations (Astronautics)	18	Fall / Winter / Summer	5237		265	JPME	DA	John J. Arquilla	Gordon H. McCormick	Jennifer J. Duncan		2500P
MS Defense Analysis (CH: Command & Control)		Winter / Summer					DA	John J. Arquilla	Gordon H. McCormick	Jennifer J. Duncan		2500P
MS Defense Analysis (CH: Communications)		Winter / Summer					DA	John J. Arquilla	Gordon H. McCormick	Jennifer J. Duncan		2500P
MS Defense Analysis (Information Operations)		Winter / Summer					DA	John J. Arquilla	Gordon H. McCormick	Jennifer J. Duncan		2500P
MS Defense Analysis (Information Operations)		Winter / Summer					DA	John J. Arquilla	Gordon H. McCormick	Jennifer J. Duncan		2500P
MS Defense Analysis (Irregular Warfare)		Winter / Summer					DA	John J. Arquilla	Gordon H. McCormick	Jennifer J. Duncan		2500P
MS Defense Analysis (National Security Affairs)		Winter / Summer					DA	John J. Arquilla	Gordon H. McCormick	Jennifer J. Duncan		2500P
MS Defense Analysis (Operations Analysis)		Winter / Summer					DA	John J. Arquilla	Gordon H. McCormick	Jennifer J. Duncan		2500P
MS Defense Analysis (Special Operations)		Winter / Summer					DA	John J. Arquilla	Gordon H. McCormick	Jennifer J. Duncan		2500P
MS Defense Analysis (Terrorist Operations & Financing)		Winter / Summer					DA	John J. Arquilla	Gordon H. McCormick	Jennifer J. Duncan		2500P
MS Defense Analysis		Winter / Summer					DA	John J. Arquilla	Gordon H. McCormick	Jennifer J. Duncan		2500P
Graduate School of Engineering and Applied Sciences - Dean Clyde L. Scandrett												
111 - Math Refresher (Online)												
NONE Not Applicable	3	Fall / Winter / Spring / Summer	5273		0	ContEd	Pet W. Andersen		[Unassigned]	[Unassigned]		4100K
209 - Network Science Certificate												
CERT OF COMPL, Network Science	12	Fall	5273		324		MA	Wei Kang	Rebecca Gere	Clay C. Herring		4100L
222 - Naval Nuclear Power School												
CERT OF COMPL, Naval Nuclear Power School	6	Fall / Winter / Spring / Summer	5274		0		MAE	Garth V. Hobson	Joshua H. Gordis	[Unassigned]		None\
232 - Cyber Physical Systems												
CERT OF COMPL, Cyber Physical Systems Integration	12	Fall	5276		0		SE	Ronald E. Giachetti	Monique P. Fargues	Clay C. Herring		None\
233 - Combat Systems Science and Engineering Certificate												
CERT OF COMPL, Combat Systems Science and Engineering	12	Fall / Spring	5272		223		PH	Kevin B. Smith	Christopher G. Snitchler	Todd R. Greene		None\
230 - Combat Systems Science and Engineering Certificate (DL)												
CERT OF COMPL, Combat Systems Science and Engineering	12	Fall / Spring	5272		223		PH	Kevin B. Smith	Kevin B. Smith	Todd R. Greene		None\
267 - Reliability & Maintainability Engineering (R&ME) (DL)												
CERT OF COMPL, Reliability & Maintainability Engineering (R&ME)	12	Fall	5276	6 /	0		SE	Ronald E. Giachetti	Bryan M. O'Halloran	Walter E. Owen		None\
283 - Space Systems												
CERT OF COMPL, Space Systems Design	12	Fall / Spring	5273		0		SP	James H. Newman	Stephen H. Tackett	William M. Crane		6200L
264 - Certificate in Meteorology												
CERT OF COMPL, Meteorology	12	Winter / Summer	5275		MR		Wendell A. Nuss		Wendell A. Nuss	Paula H. Travis		
283 - Modeling and Management Cert (Res & DL)												
CERT OF COMPL, Modeling and Simulation Management	12	Fall / Spring	5276		323		SE	Ronald E. Giachetti	Eugene P. Paulo	Mark M. Rhoades		6203L
282 - Space Systems Fundamentals Certificate												
CERT OF COMPL, Space Systems Certificate	12	Fall / Spring	5273		SP		James H. Newman		Stephen H. Tackett	William M. Crane		6206L
274 - Space Systems Fundamentals Certificate												
CERT OF COMPL, Space Systems Fundamentals Certificate	12	Fall / Spring	5273		SP		James H. Newman		Stephen H. Tackett	William M. Crane		6206L
270 - Air Traffic Control Certificate												
CERT OF COMPL, Air Traffic Control	15	Spring	5275		USW/AG		Andrew Larocca		Roberto Cristi	Frank R. Huntley		6301L
279 - Engineering Modeling & Simulation Cert (Res & DL)												
CERT OF COMPL, Engineering Modeling & Simulation Certificate	12	Fall	5273		334		MAE	Garth V. Hobson	Joshua H. Gordis	Todd R. Greene		6203L
230 - Mathematics of Secure Communication Cert (Resident)												
CERT OF COMPL, Mathematics of Secure Communication	12	Fall	5273		0		MA	Wei Kang	Panteleimon Stanica	Clay C. Herring		4100L
262 - Systems Engineering Certificate (Res & DL)												
CERT OF COMPL, Systems Engineering	12	Fall / Spring	5276		0		SE	Ronald E. Giachetti	Clifford A. Whitcomb	Walter E. Owen		5800L
263 - Scientific Computing Certificate												
CERT OF COMPL, Scientific Computation	9	Fall / Spring / Summer	5273		MA		Wei Kang		Beny Neta	Clay C. Herring		4100L
264 - Guidance, Navigation & Control Syst Cert (Res & DL)												
CERT OF COMPL, Guidance, Navigation & Control Systems	12	Winter / Summer	5273		323		ECE	Ralph C. Robertson	Monique P. Fargues	Clay C. Herring		None\
265 - Flash Tolerant Computing Certificate (Res & DL)												
CERT OF COMPL, Flash Tolerant Computing	12	Fall / Spring	5273		323		ECE	Ralph C. Robertson	Monique P. Fargues	Clay C. Herring		None\
266 - Remote Sensing Applications Certificate (Res & DL)												
CERT OF COMPL, Remote Sensing Applications	9	Spring	5273		323		ECE	Ralph C. Robertson	Monique P. Fargues	Clay C. Herring		None\
267 - Digital Communications Certificate (Res & DL)												
CERT OF COMPL, Digital Communications	9	Fall / Spring	5273		323		ECE	Ralph C. Robertson	Monique P. Fargues	Clay C. Herring		None\
268 - Warfare (Res & DL)												
CERT OF COMPL, Air Warfare Systems	9	Winter	5273		323		ECE	Ralph C. Robertson	Monique P. Fargues	Clay C. Herring		None\
269 - Signal Processing Certificate (Res & DL)												
CERT OF COMPL, Signal Processing	12	Fall / Winter / Spring / Summer	5273		323		ECE	Ralph C. Robertson	Monique P. Fargues	Clay C. Herring		None\
281 - Electronic Warfare Systems Engineering (Res & DL)												
CERT OF COMPL, Electro Stat Power Systems	12	Fall / Winter / Spring / Summer	5273		323		ECE	Ralph C. Robertson	Monique P. Fargues	Clay C. Herring		None\
282 - EW Engineer Certificate (Res & DL)												
CERT OF COMPL, EW Systems Engineer	12	Fall / Winter / Spring / Summer	5273		323		ECE	Ralph C. Robertson	David C. Jenn	Clay C. Herring		None\
283 - Jammonitor EW Engineer Certificate (Res & DL)												
CERT OF COMPL, Electronic Warfare Engineer Jammonitor	12	Fall / Winter / Spring / Summer	5273		323		ECE	Ralph C. Robertson	David C. Jenn	Clay C. Herring		None\
284 - Sensor EW Engineer Certificate (Res & DL)												
CERT OF COMPL, Electronic Warfare Engineer Sensor	12	Fall / Winter / Spring / Summer	5273		323		ECE	Ralph C. Robertson	David C. Jenn	Clay C. Herring		None\
286 - Network Engineering Certificate (Res & DL)												
CERT OF COMPL, Network Engineering	12	Fall / Winter / Spring / Summer	5273		323		ECE	Ralph C. Robertson	Monique P. Fargues	Clay C. Herring		None\
296 - Cyber Systems (Res & DL)												
CERT OF COMPL, Cyber Systems	12	Fall	5273		323		ECE	Ralph C. Robertson	Roberto Cristi	Clay C. Herring		None\
297 - Wireless Networks (Res & DL)												
CERT OF COMPL, Wireless Network Security	12	Fall	5273		323		ECE	Ralph C. Robertson	Monique P. Fargues	Clay C. Herring		None\
285 - Space Vehicle Command, Control & Communications Certificate (DL)												
CERT OF COMPL, Space Vehicle Command, Control & Communications Certificate	12		5273		SP		James H. Newman		Stephen H. Tackett	William M. Crane		6206L
239 - Applied Trajectory Optimization Certificate (DL)												
CERT OF COMPL, Applied Trajectory Optimization	12	Spring / Summer	5271		222		MAE	Garth V. Hobson	Isaac M. Ross	William M. Crane		
313 - Systems Engineering (DL)												
MS Systems Engineering	24	Fall / Winter / Spring / Summer	5276		323		SE	Ronald E. Giachetti	Raymond J. Madachy	Brigitte T. Kerrin		5800P
MS Systems Engineering Management		Fall / Winter / Spring / Summer			SE		SE	Ronald E. Giachetti	Raymond J. Madachy	Brigitte T. Kerrin		5800P
MS Engineering Systems		Fall / Winter / Spring / Summer			SE		SE	Ronald E. Giachetti	Raymond J. Madachy	Brigitte T. Kerrin		5800P
314 - Systems Engineering (DL)												
MS Engineering Systems	24	Fall	5276		334		SE	Ronald E. Giachetti	Stephen H. Tackett	William M. Crane		5804P
MS Systems Engineering		Fall / Spring			SE		SE	Ronald E. Giachetti	Stephen H. Tackett	Ronald R. Carlson		5804P
316 - Space Systems (DL)												
MS Space Systems	24	Fall	5270	12	324		SP	James H. Newman	Stephen H. Tackett	William M. Crane		6206D
324 - Space Systems Operations (International)												
MS Space Systems Operations	24	Fall	5270	12	324		SP	James H. Newman	Stephen H. Tackett	William M. Crane		None
325 - Space Systems Operations												
MS Space Systems Operations	21	Fall	5270	12	324		SP	James H. Newman	Stephen H. Tackett	William M. Crane		6206P
372 - Meteorology												
MS Meteorology	18	Fall / Spring	5275	6 / 12	233		MR	Wendell A. Nuss	Wendell A. Nuss	Paula H. Travis		None\
373 - Meteorology and Oceanography (METOC)												
MS Meteorology and Physical Oce